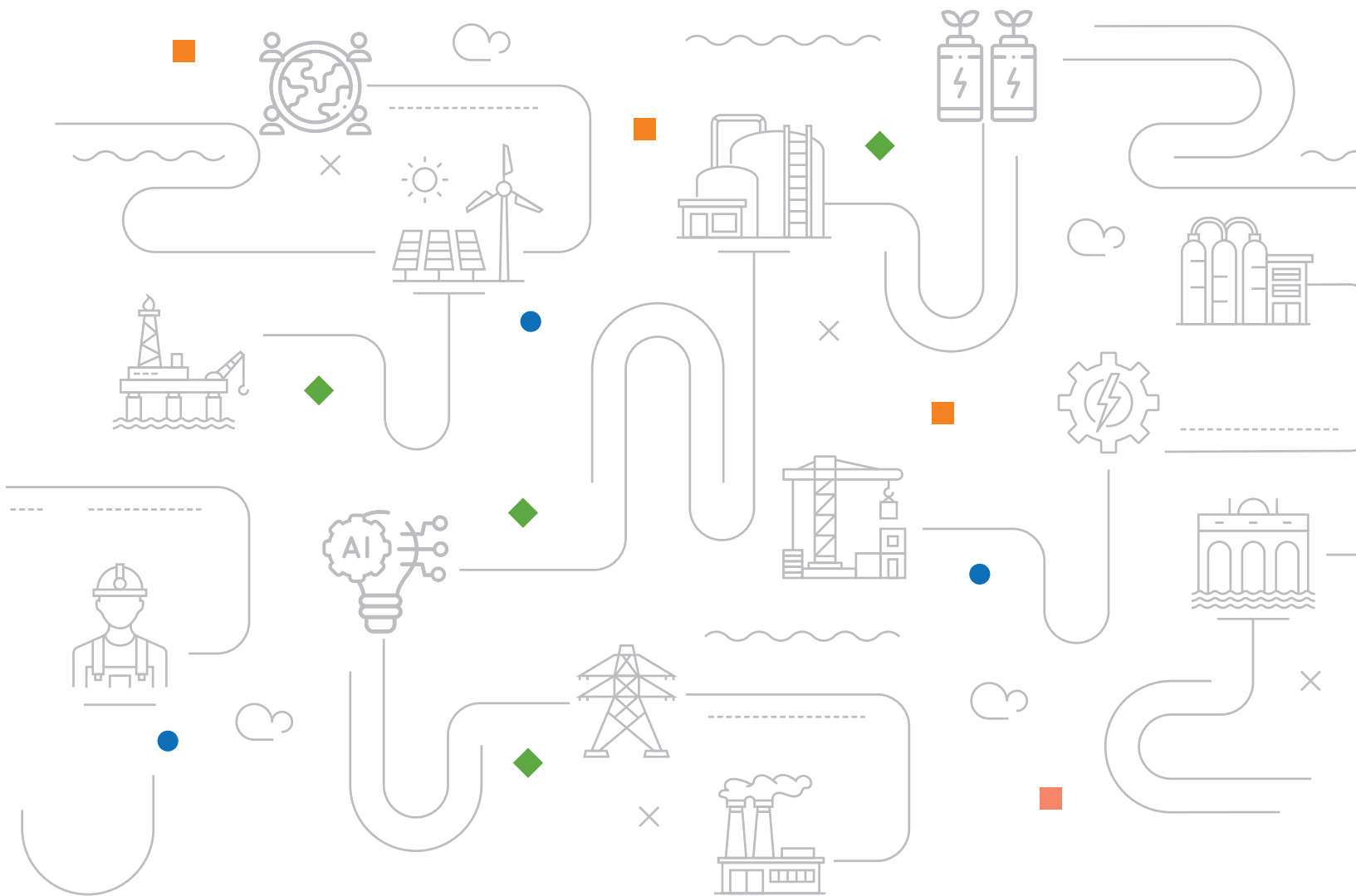


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CEO's Message



CEO | **Yoon Hong Huh**

We would like to express our sincerest gratitude
to our customers for their continued support and loyalty
to GS E&C.

Based on the management philosophy of ‘Work with customers toward a brighter future and create a new value in life’, GS E&C has engaged in continuous innovation since its founding in 1969. The company has established itself as a leading construction company of Korea across its business portfolio.

By establishing a flexible and horizontal organizational culture and digital work environment of autonomous responsible management, the company will actively respond to the rapidly changing business environment.

GS E&C has always kept our commitment to growing with customers and providing the highest value and continue to grow to a company that honors your support for GS E&C.

Thank you.

Our Vision

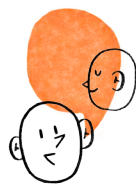
Vision



Perfecting a safer today,
Forging a brighter tomorrow
: With transparent trust and relentless innovation,
we create a better future for all.

Values

Target Values



Customer Focus



Trust

Core Values



Autonomy and
Responsibility



Integrity



Future Facing



Professionalism

Customer Focus



"Customer Focus" is our fundamental reason for existence.
We prioritize customer satisfaction above any other value, aiming to provide an exceptional experience that exceeds expectations.

Trust



"Trust" is the foundation on which we create value.
Earning and strengthening trust with customers, partners, and various stakeholders forms a virtuous cycle essential for our business success.

Autonomy and Responsibility



"Autonomy and Responsibility" is the driving forces of our performance and growth.
Based on a shared understanding of objectives, we proactively perform our duties and roles, delivering reliable outcomes.

Integrity



"Integrity" is our fundamental way of working.
We conduct our business transparently and fairly in all areas, based on higher ethical standards of safety, quality and honesty.

Future Facing



"Future Facing" is our mindset for continuous improvement.
In addition to our efforts to achieve greater social value that enhances our business sustainability, we explore and implement ways for our business to thrive in the future.

Professionalism



"Professionalism" is our pride.
With global expertise, we passionately strive to continuously strengthen our market competitiveness and provide differentiated customer value.

Endless Challenge

History

GS E&C challenges the infinite possibility
as a global leader who advances to the world beyond Korea!



1970s~1980s

Lay the foothold for construction

- 1969** Lackhee Development Co. (LDC) incorporated.
- 1977** Lucky International Construction Co. created.
- 1979** Merged with Lucky Overseas Construction Corp. Designated as Housing Contractor by the Ministry of Construction. Initial Public Offering.
- 1981** Honored with 1-Bil.-Dollar Export Tower Award in overseas construction.
- 1984** 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

Move forward as a solid company

- 1990** Participated in the Soviet Union Development Project and the Construction Technology Research established.
- 1991** Acquired the construction license in Japan.
- 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 awarded the Grand Prize in Korea Construction Culture Awards.
- 1998** LG Chem Research Park in Daejeon awarded the Grand Prize in Korean Architecture Award. LG-HP Sunflower International Village.
- 1999** LG Construction and LG Engineering merge.

2000s

Leap towards change

- 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** New apartment brand ‘Xi’ launched.
- 2003** Chosen as “Best Corporate Management Structure” by the Korea Stock Exchange. ‘Xi’ chosen as the No. 1 brand in the Consumer Well-Being Awards. Total market value reaches 1 trillion won.
- 2004** Entered 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. Opened Safety Innovation School.
- 2006** Xi comes 1st in apartment category for 3 straight years in First Brand Grand Prize.
- 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.

2010s

Transform into a global company

- 2010** Won the order for a 3.6-billion-USD 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 Endeared Firm.
- 2014** The main office relocated to Gran Seoul, Cheongjin-dong, Jongno-gu, Seoul. Won the order for Karbala Project, Iraq at USD 6 billion.
- 2015** Awarded the grand prize of ASAC in Singapore (Annual Safety Award Convention).
- 2016** Won the order for T301 Project, Singapore at SGD 1.988 billion. Safety Innovation School opens in Singapore.
- 2017** Received the order for Bangladesh Patuakhali - Gopalganji 400kV Transmission Line. Won the order for restoring the oil refinery in Ruwais, UAE. GS Inima wins the contract for the construction of Atacama seawater desalination facility in Chile.
- 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). The President of the Republic of Korea visited T301 site in Singapore.
- 2019** Achieved ‘KRW 1 trillion in operating profits’ for the first time. Won the order for solar power plants in Zakarpattia, Ukraine. Participated in a USD 1.4 billion petrochemical plant project in Ceyhan, Turkey.

2020s

Achieve sustainable growth

- 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. Opened the Seoul-Munsan Expressway. Won the order worth 2.33 trillion won for the Oman seawater desalination project.
- 2021** Established ESG Committee. Declaration of introduction of Fair Trade Compliance Program (CP). Won the contract for Daesan coastal industrial area (seawater desalination) project. Underground Seobu Urban Expressway opened. Won the order for North East Link private investment project in Australia. GPC Eumseong Factory completion ceremony.
- 2022** Celebrated the 20th Anniversary of launching housing brand Xi. Exported “Green Hydrogen Plant Module” to the US, the first among domestic general construction companies. Opened New Selander Bridge in Tanzania. Completed the new construction of LG Art Center and LG Science Hall. Launched ‘HEIMLAB’, the total solution for the environment of XiGEIST. XiGEIST opened the advanced pre-fabrication concept house.
- 2023** Added the 300th Dreams and Hopes study room. GS Inima won the contract for Shuweiht Phase 4 seawater desalination project. Opened GS E&C R&D Center. Won the contract for construction of HUI Green Power Phase 2 battery factory in Indonesia.
- 2024** Yoon Hong Huh took office as the 13th CEO. Completed the construction of Anyang EPOCH Data Center. Won the contract for Saudi Fadhili gas expansion project. Declaration of GS E&C Vision and Core Values.

Global Leader

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

The representative global construction company in Korea, GS E&C has continued to break new records. We have made a new splendid achievement of acquiring 'A (Excellent)' rating for 5 consecutive years through the evaluation by KCGS (the Korea Institute of Corporate Governance & Sustainability).

GS E&C has achieved its success to prove the powerful counstruction country of Korea on the world stage.



Value Creator

Remarkable Performance Achieved by Core Competences
The status of GS E&C revealed with overwhelming figures!

Achievement through unparalleled performance to draw 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 has integrated advanced technology.

GS E&C is creating the highest value all over the world.

Orders on hand
54,200

Global Network

17

COUNTRIES

28

OVERSEAS COMPANIES
OR BRANCHES

185

PROJECT SITES

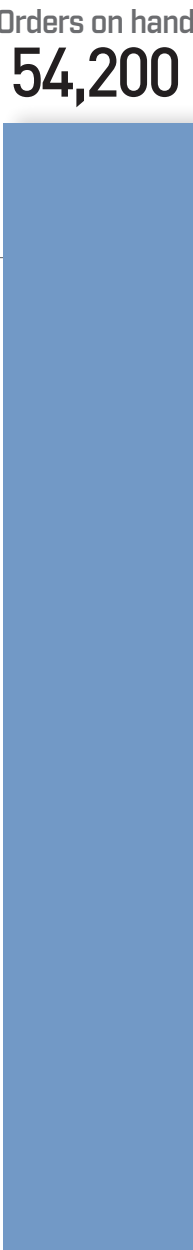


Financial Highlight

As of Dec. 31, 2023 (unit: KRW billion)

Total sales
13,437

Incoming orders
10,184



ESG Leader

GS E&C is creating a transparent and fair world through the ESG management.

In order to create a world where everyone enjoys happiness, GS E&C seeks to establish a company-wide ESG strategy that embraces all stakeholders and advances to the representative ESG enterprise of Korea that fulfills its social responsibility. With the goal of fulfilling our vision, "Rising to a Sustainable Global Company", we will achieve sustainable development by implementing strategic directions and tasks in the categories of environmental, social, and governance. In connection with the Sustainable Development Goals (SDGs), GS E&C will contribute to its sustainability as well as global development.



Climate Change Response

The global environment has become a critical issue such as climate change and depleted resources. GS E&C is proactively responding to global changes. In particular, the climate change is one of critical issues that all humanity must jointly respond to, and is one of the most important considerations in corporate activities. GS E&C practices environmental management throughout the entire business process in order to respond to climate change. In particular, the company is making efforts to reduce various greenhouse gases throughout the value chain of greenhouse gases, waste, water resources, air, and ecosystem conservation, which are the core environmental areas in connection with the construction industry. We strive to improve environmental efficiency and minimize environmental impact through systematic management.

Environmental

Company-wide Eco-friendly Construction Process

GS E&C prevents risks by preemptively addressing environmental issues that may arise throughout the entire process from the groundbreaking to its completion. The company practices company-wide environmental management throughout the entire business process of design, supplier selection, material purchase, production, construction, demolition, and operation.



Pre-construction Stages

- Stage 1. Eco-friendly design**
Compose a building to increase the energy efficiency and utilize renewable energy to self produce the energy
- Stage 2. Procurement of Eco-friendly Materials**
Consume eco-friendly products through green purchasing, procure and produce materials that minimize environmental impact.

Construction Stage

- Stage 3. Eco-friendly Transportation**
Transport environmentally while driving work vehicles at construction sites or procuring construction equipment and materials
- Stage 4. Eco-friendly Construction**
Operate an eco-friendly construction site by preserving the surrounding ecosystem and preventing environmental pollutions (water, air, and waste, noise/vibration, etc.)

Post-construction Stages

- Stage 5. Eco-friendly Operation**
Minimize environmental burden in real life by reducing greenhouse gases and energy consumption in use of apartments, buildings, etc. after their construction.
- Stage 6. Eco-friendly Demolition**
Dispose hazardous waste such as waste asbestos safely according to the demolition guide to minimize the pollution of surrounding area.



Safe Workplace and Improving Talented

A safe workplace and a happy organizational culture are directly related to a company's performance. GS E&C is raising safety levels and protecting workers from accidents in accordance with ISO45001 and KOSHA-MS. In addition, GS E&C is striving to create safe project sites with its essential safety rules and the application of a smart safety management system that utilizes IT-based equipment. The organizational culture built on happiness also increases the level of motivation of employees and leads to job immersion and self-directed learning. Moreover, GS E&C supports the development of the capabilities of employees with its unique talent development system and 'Sweet Me', the self-directed learning support program, and creates a work environment in which employees can demonstrate their capabilities.



Social



BOD-centered Governance System

GS E&C operates the 'ESG Committee' within the Board of Directors, which serves as a core control tower for sustainable management. The committee discovers and identifies major issues related to future areas of environment, social, and governance and examines the company's sustainable management strategy and directions. The company has reviewed and approved of relevant performance and improved measure to establish a decision making system around the Board of Directors.

Governance

Pursuing Customer Satisfaction through Win-win Management

Cleaving to the management philosophy of 'Thinking and acting from the customer's perspective and always being close by,' GS E&C makes an effort to provide the best quality and service to satisfy customers. Customer satisfaction is directly related to brand power, and high brand power and awareness sharpen competitive edge in winning the contracts. GS E&C offers customers to enjoy a happy residential environment through the apartment brand ("Xi") based on its quality competitiveness. The company not only provides space but also achieves customer satisfaction by providing a variety of lifestyles through a platform that enables two-way communication with customers. In order for the full protection of customer information collected during the apartment contract process, the company operates a monitoring system of information leak to maximize the customer satisfaction.



Win-win Management with Suppliers

For the construction industry which operates business together with various stakeholders from the procurement of equipment and materials to construction and operation, the importance of win-win management with suppliers has become more important. Accordingly, GS E&C prevents suppliers from risks through a supplier evaluation system and achieves the shared growth by operating various supplier support programs such as a joint technology development and a joint overseas expansion. As the importance of the management of supply chain and human rights risk increases internationally, we diagnose the ESG of our suppliers and provide feedback through the annual ESG assessment of supply chain to manage overall risk of supply chain and build a sustainable value chain.



Introducing Fair Trade Compliance Program

GS E&C has been making efforts to comply with fair trade laws and regulations by introducing the 'Fair Trade Compliance Program' in May 2021 with a view to proactively establishing a fair trade culture. The Fair Trade Compliance Program is a system that companies operate autonomously. Through its introduction, the company has increased employees' willingness to comply with the law and their ethical awareness, preventing violations of the law and promoting the spread and internalization of fair trade culture. After the introduction of CP, the company achieved an AA rating in CP rating evaluation in 2023. We will strive to become a sustainable and trusted GS E&C by fostering a fair trade environment and enhancing corporate competitiveness through the operation of the Fair Trade Compliance Program which is an autonomous compliance system.



INFRA

GS E&C for the vitality and communication that connect the world



AUSTRALIAN BUSINESS

- **As the first Korean construction company to enter Australia through the PPP project, GS E&C has secured technological competitive edge and trust.**

GS E&C became the first Korean construction company to enter the Australian infrastructure market by winning the contract for the North East Link Project, a public-private partnership, in 2021. To expand its business into the full gamut of construction and energy sectors, the company has newly established an Australian business headquarter. As GS E&C is recognized for its unparalleled capabilities in the execution and technology of the ongoing NEL Project, it is participating in bidding for infrastructure PPP, road/railway D&C, pumped storage hydroelectricity, and power grid projects. GS E&C makes a mid to long term plan to expand our unique portfolio in various fields of renewable energy, water and housing.



Infra (Road/Railroad)

The company is actively participating in road, railroad D&C, and PPP projects in great promotion as the demand for transportation infrastructure increases due to the expansion of population in major Australian cities.



Renewable (Pumped Storage Hydroelectricity)

GS E&C plans to improve its exclusive advanced technology by participating in the development of a pumped storage hydropower which market is expanding according to the transition to renewable energy and the increasing demand for energy storage.



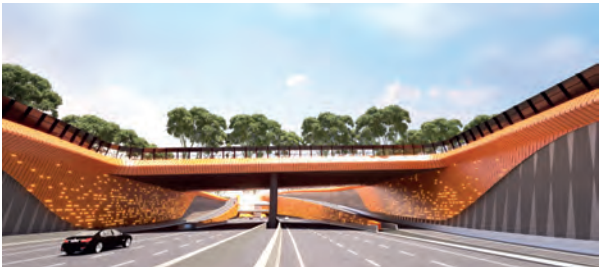
Power (Grid)

In line with the expansion of the investment in new power grids connecting the Renewable Energy Zone, the company plans to actively participate in power grid D&C and PPP projects.



Modular Housing

Utilizing the advanced technology of Xi Apartments and collaborating with our subsidiaries of Danwood and Elements Europe the leading European modular companies, we are seeking to enter the Australian market.



● **Through the Successful Implementation of NEL,
GS E&C Demonstrates Technological Prowess and Passion on the World Stage**

GS E&C is participating as a constructor and investor in the North East Link, the largest tunnel project in Victoria's history which order has been placed by the Major Transport Infrastructure Authority under the State Government of Victoria, Australia. Currently, we are carrying out the primary package through a joint venture with Webuild, CPB, and China Construction Oceania.

North East Link is a 6-to-8 lane urban expressway that bridges the gap between the Metropolitan Ring Road and the Eastern Freeway in northeastern Melbourne. The project includes the design and construction of a total of 6.9 km of tunnel, including a large-diameter TBM (Tunnel Boring Machine) tunnel and a cut-and-cover tunnel, associated ventilation facilities, and surrounding connecting roads. Additionally, as the project owner, we plan to perform operation and maintenance for the next 25 years after the completion. GS E&C has been successfully carrying out the construction without delay on the basis of the TBM technology accumulated in many overseas projects including Singapore, and earning trust while being recognized for its execution capabilities from the ordering party and joint venture partners.



North East Link (NEL)

- Total length: 6.9km road and tunnels (6 to 8 lanes round trip)
- TBM Tunnel: 5.0km
- Cut-and-cover tunnel: 1.1km
- SEM Tunnel: 431m
- Project period: 2021.10 ~ 2028.12

A. TBM (Tunnel Boring Machine) Tunnel

- Length=5,024m
- TBM D=15.6m, L=90m, Weight=4,000 ton, 2EA

B. Watsonia IC

- Trench L=229m
- Pile 389EA (D=0.9~1.2m)
- TBM Launching Box

C. Lower Plenty IC

- Cut & Cover L=289m
- D-wall (45,650m³)

D. Ventilation Tunnel

- Length=266m, A=89m²

E. Bulleen IC

- Cut & Cover L=627m
- D-wall (62,693m³)
- Trench L=133m

F. Manningham IC

- Cut & Cover L=169m
- D-wall (60,110m³)



● **Core infrastructure that overcomes the nature and environment and promotes the development and balance of national lands**

Bridge, airport and port are not only the starting point to connect different time and space but also the core element to overcome the physical limitation of mankind and to broaden the prospect of life. GS E&C has been accumulating abundant construction experience on the national land with diverse spaces such as mountain, river and sea. Now we have made the human life more convenient in major locations throughout the world such as bridges in Vietnam and Kuwait, ports in UAE and Thailand, and airports in Philippines.



01. Mokpo Grand Bridge

Location: Mokpo, Korea
- Total Length 4.1km
- Cable-Stayed Bridge 900m
- 4 Lanes
Project period: 2004.11 ~ 2012.12

02. Baekseok Bridge

Location: Incheon, Korea
- Cable-Stayed Bridge 750m
Project period: 2010.04 ~ 2012.06

03. Myodo Bridge

Location: Yeosu, Korea
- Total Length 1.95km
- 4 Lanes
- Cable-Stayed Bridge 1.41km
Project period: 2007.11 ~ 2012.10

04. Noryang Grand Bridge

Location: Hadong, Korea
- Total Length 3.1km, 4 Lanes
- Suspension Bridge 990m
Project period: 2009.10 ~ 2018.06



05. Busan North Port 1st Stage
Redevelopment Project,
Construction of Connection Bridge

Location: Busan, Korea
- Total length: 238m
- 1 River bridge 100m
- Cross Arch Bridge + Steel Box
Project period: 2020.05 ~ 2022.06



06. Vam Cong Bridge
Construction Project

Location: Vam Cong, Vietnam
- Total Length 2.97km
- Cable-Stayed Bridge 870m
- 4 Lanes
Project period: 2013.11 ~ 2019.05

07. Boryeong LNG Port Terminal

Location: Boryeong, Korea
- Mooring facility: Jetty 2ea (900m)
- Hinterland: Landfill (90,794m²)
Roads and paving
- Electrical and instrument systems
Project period: 2018.05 ~ 2021.12



08. Doha Link Project

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



09. 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



10. 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: 126,723m³
- Access Road, Light House
Project Period: 2013.10 ~ 2018.11



11. 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)

12. 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

13. Yeosu Crude Oil 3rd Port

Location: Yeosu, Korea
- Dolphin-type Jetty, 120,000 DWT
Project period: 2009.02 ~ 2011.08

14. Gyeongin Ara Waterway
Section No. 3 Bridge

Location: Incheon, Korea
- Bridge Length 1.1km (PSC Box Girder)
Project period: 2009.06 ~ 2011.12



● Cutting-edge technology creating a new future between cities and continents.

The road leads us to rich life and developed culture. GS E&C has the confidence through the past establishment of complicated roads and worldly renowned high-tech subways (underground space) in Seoul the 6th largest well-reputed internatioal city of the world. Such technology and knowhow has resulted in the performances of the construction of subways and stations in Vietnam, Singapore and Qatar, which leads us to prepare for a leading role of establishing the 'Eurasian Era' that will connect Korea, Russian continent and Europe.



**15. Seoul-Busan
High Speed Railway**

Location: Okcheon, Korea
- Total Length 12.25km
- Double Track 3.59km
Project period: 1999.05 ~ 2002.11

**16. Thomson-East Coast Line
Contract T301**

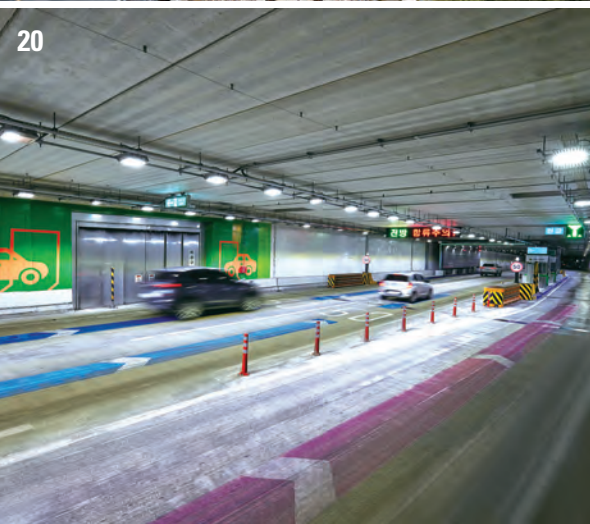
Location: Changi, Singapore
- Area: 480,000m²
- Rail Depot: 24ha, 3 stories
- Bus Depot: 6ha, 4 stories
- Tunnel: 1.25km
Project period: 2016.03 ~ 2024.10

**17. Yeongjong Island
Magnetic Levitation Train**

Location: Incheon, Korea
- PSC BOX Girder: 6.11km
- 6 Stations, 1 Depot
Project period: 2010.03 ~ 2012.09

18. Osong Train
Testing Center

Location: Cheongju, Korea
- Total Length 12.99km
- 6 Tunnels, 9 Bridges
Project period: 2014.09 ~ 2019.12



19. 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



21. Incheon-Osan
Highway Work Zone 4

Location: Yongin, Korea
- Total Length 8.79km
- 5 Bridges (493m)
- 4 Tunnels (2,112m)
Project period: 2017.03 ~ 2022.05



22. 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

23. 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 ~ 2024.09



24. Seoul Metro Line No. 9
Section No. 904

Location: Seoul, Korea
- Total Length 2.0km
- 2 Stations
Project period: 2001.12 ~ 2009.08

25. 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



26. Downtown Line
Stage 2 C911

Location: Bukit Panjang, Singapore
- Depot
- Site area: 300,000m²
- Facilities: road, drain
- 24 buildings
Project period: 2009.03 ~ 2015.07

Downtown Line
Stage 2 C913

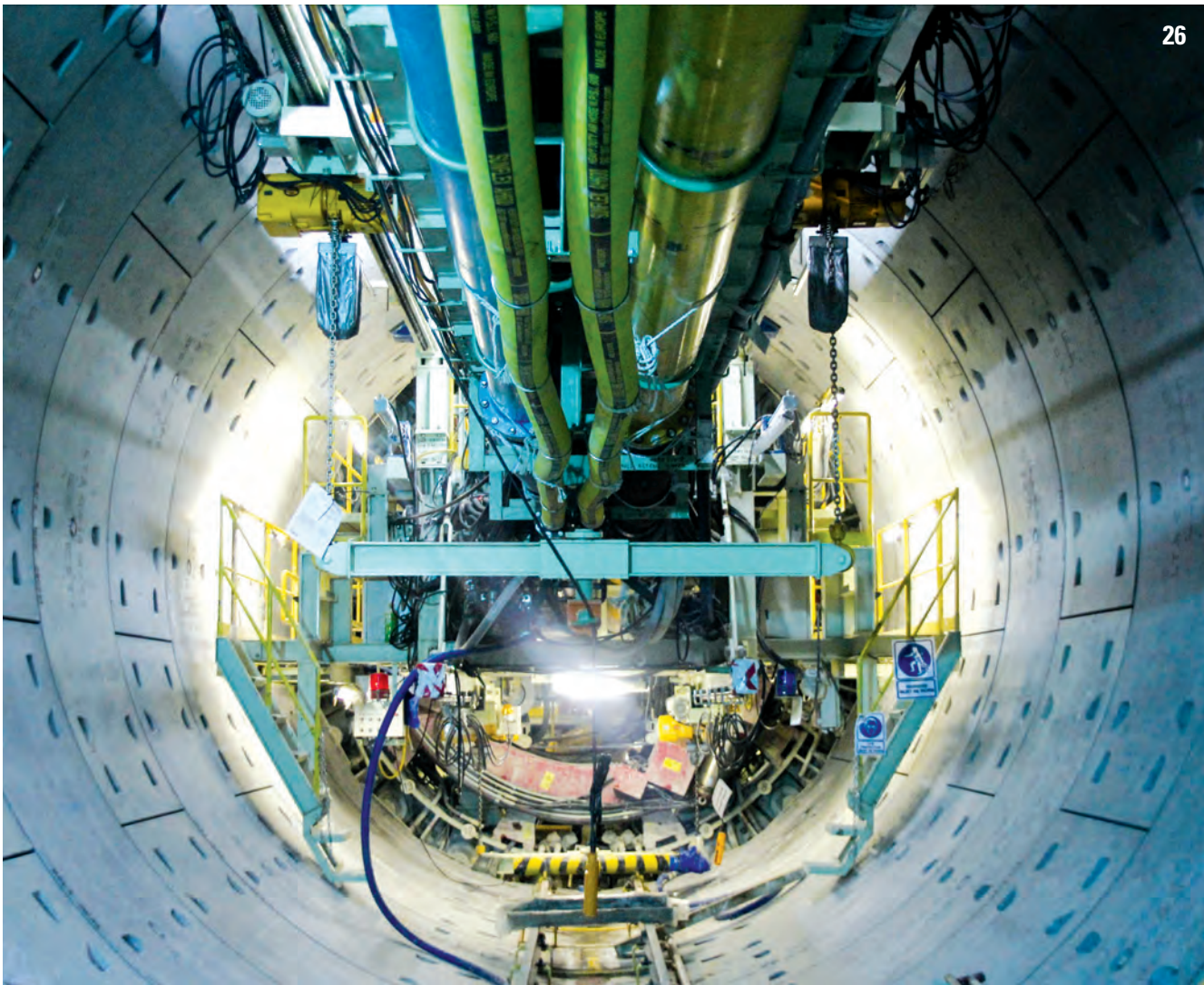
Location: Bukit Timah, Singapore
- 1.65km, 1.23km Slurry Type TBM (φ5.8m)
- 2 Stations
Project period: 2009.08 ~ 2015.07

Downtown Line
Stage 3 C925

Location: Tampines, Singapore
- 1.38km
- 1 Station (Tampines East Station)
Project period: 2011.07 ~ 2018.06

Downtown Line
Stage 3 C937

Location: Clake Quay, Singapore
- 1.64km (TBM Tunnel 1.18km)
- 1 Station (Fort Canning Station)
Project period: 2011.07 ~ 2016.12



27. Uijeongbu Light
Railway Transit

Location: Uijeongbu, Korea
- Total Length 11.1km
- 15 Stations, 1 Depot
Project period: 2007.08 ~ 2011.07

28. 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



29. 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

30. 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

Industrial Complex Dams River Maintenance

- **Contribution to green growth through the knowhow of efficient development and management of water resources**

The technology of GS E&C changes existing space and landscape to far beneficial ones.
We have led the efficient development and management of water resources with the experiences accumulated through the river projects such as the construction of dams and the Four Major Rivers Restoration. Also, through the creation of various industrial complexes we have made the spaces for human activities which are engrafted with high-tech.



31. 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



32. Gulpo Drainage Canal

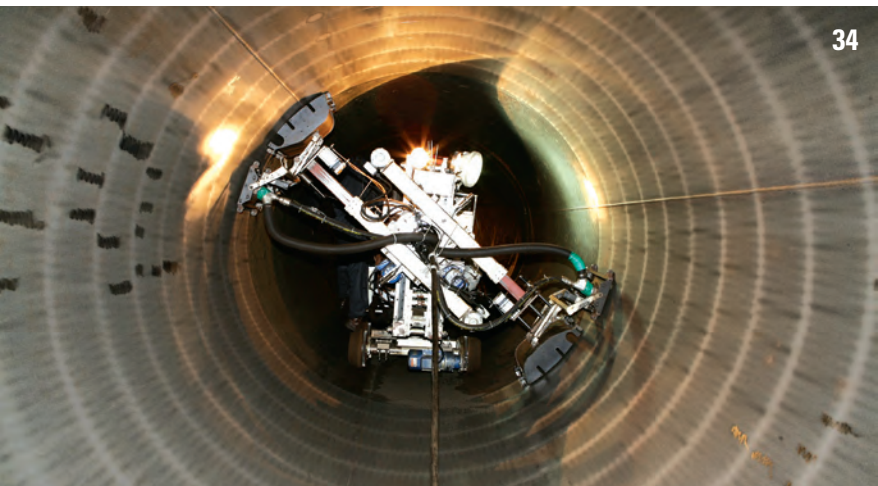
Location: Incheon, Korea
 - Canal (L=4.7km, W=80m)
 - Road (11.24km)
 Project period: 2005.05 ~ 2012.02

33. Cheonggye Stream Restoration

Location: Seoul, Korea
 - 8 Bridges (201.51m)
 - Landscaping and Stream Restoration 2.1km
 Project period: 2003.06 ~ 2005.12

34. Seoul Metropolitan Area Water-Supply System Rehabilitation, Phase 1

Location: Seoul, Korea
 - Total Length 53.9km
 Project period: 2008.07 ~ 2012.03



35. 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



36. Yongsan-River Estuary
Improvement Construction
No. 1 Project

Location: Damyang, Korea
- Tidal Gate (480m)
- 3 Bridge (795m)
- Nature-Friendly Aqueduct
Project period: 2010.04 ~ 2015.02



37. 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



38. Busan New Port South Container
Harbor Rear Complex

Location: Busan, Korea
- Creation of harbor rear complex 489,107m²
- Road 4.9km
Project Period: 2015.12 ~ 2022.07





GREEN

GS E&C for the green innovation that makes you to dream of tomorrow

Waste Treatment & Recycling

- **Leader in the area of recycling who retains the best domestic performance and the highest level of performance in the world**

GS E&C retains the highest domestic performance in the area of waste incineration facility such as the Mapo Recycling facilities, the Masan Resource Recovery Facilities, and the incineration facilities in Cheongju. In the area of industrial wastes incineration, we have successfully carried out the waste incineration facilities in relation to LG Philips LCD production plant. In this way, GS E&C is securing differentiated competitiveness in field of waste disposal and recycling, as seen in our roles at the Jungrang Sewage Sludge Treatment Facilities, the Capital Area Landfill No. 1 Stabilization Construction, the Food Wastes Resource Facilities in Namdong-gu, Incheon and the Capital Area Home Appliances Recycling Center.



01. Jeju Environmental Resource Circulation Center Location: Jeju, Korea - Incineration plant: 500 ton/day - Stoker type Project period: 2016.07 ~ 2019.11	02. Cheongju Municipal Solid Waste Treatment Plant Location: Cheongju, Korea - Incineration plant: 200 ton/day - Stoker type Project period: 2006.09 ~ 2009.03
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03. Modernization Project of Integrated Environment Infrastructure with Development of Park in Hanam

Location: Hanam, Korea
- STP: 32,000m³/d, Sludge Drying Facility: 60t/d
- Sewage Pumping Station: 110,000m³/d
- Inlet Pipeline: 1.34km, Discharge Pipeline: 1.04km
- Waste Incineration Facility: 48t/d, Food Waste Treatment Facility: 80t/d
- Material Recovery Facility from MSW: 50t/d, Compression Facility: 60t/d
Project period: 2011.09 ~ 2015.06



04. Mapo Municipal Solid Waste Treatment Plant

Location: Seoul, Korea
- Incineration plant: 250 ton/day × 3units
- Stoker type
Project period: 2001.11 ~ 2005.04



05. Daegu Metropolitan Waste to Energy Center Private Investment Project

Location: Daegu, Korea
- SRF Facility (800t/d), Cogeneration Facility with SRF (Cogeneration Facility-380t/d, 3MW × 1EA)
- Administration Bldg, Security/Weighbridge Bldg, Maintenance Bldg, Cleaning Bldg and Stack (H: 105m)
Project period: 2013.12 ~ 2016.06



06. Hwaseong Municipal Solid Waste Treatment Plant

Location: Hwaseong, Korea
- Capacity: 200 ton/day
- Pyrolysis melting type
Project period: 2007.04 ~ 2011.08



07. Chungju Municipal Solid Waste Treatment Plant

Location: Chungju, Korea
- Incineration plant: 100 ton/day
- Stoker type
Project period: 2007.11 ~ 2010.08



08. Jecheon Municipal Solid Waste Treatment Plant

Location: Jecheon, Korea
- Incineration plant: 50 ton/day
- Stoker type
Project period: 2006.03 ~ 2008.08

09. 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



10. Gumi Municipal Solid Waste Treatment Plant

Location: Gumi, Korea
- Incineration plant: 200 ton/day
- Stoker type
Project period: 2008.07 ~ 2011.04



11. Masan Municipal Solid Waste Treatment Plant

Location: Masan, Korea
- Incineration plant: 200 ton/day
- Stoker type
Project period: 2006.09 ~ 2009.09



12. 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



Water Treatment & Seawater Desalination



● **Growth into a global player in water treatment by tapping into the advanced technology of Korea**

With its advanced technology and diverse work experiences, GS E&C leads the Korean market for sewage treatment and wastewater treatment. The company is now expanding its area of operation to the areas of facility upgrade and advanced treatment such as Osan Sewage Treatment Facility, Jeonju Advanced Sewage Treatment Facility, and Jungsang Water Regeneration Center Advanced Treatment Facility. The company is also a leader in the 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 Moreover, we have acquired the world first seawater desalination company, GS Inima, and received strong trust and affection from customers as a global player in the area of water treatment through the territorial expansion in the areas of SWRO/BWRO and the advancement to overseas countries such as BAPCO wastewater treatment facility in Bahrain and Azzour water transmission facilities in Kuwait.



13. 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

14. Paju Wastewater Treatment Plant (Phase4)

Location: Paju, Korea
- Wastewater Treatment Expansion: 50,000m³/day
- Civic convenient facilities
Project period: 2016.01 ~ 2020.04

15. Namyangju Sewage Treatment Plant

Location: Namyangju, Korea
- Sewage Treatment: 28,000m³/day
- A2O + MBR
Project Period: 2013.09 ~ 2018.06

16. Jungsang Advanced Sewage treatment plant

Location: Seoul, Korea
- Advanced Sewage Treatment: 880,000m³/day
Project period: 2009.02 ~ 2014.01

17. Gumi Reuse of Treated Sewage Plant (BT0)

Location: Chilgok, Korea
- Reuse of Treated Sewage: 90,000m³/day
- Sedimentation + MF + RO
Project Period: 2016.04 ~ 2018.10



Water Treatment &
Seawater Desalination



18. Ilsan Advanced
Sewage treatment plant

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



19. Lagares WWTP

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

20. Jeju Advanced Sewage
treatment plant

Location: Jeju, Korea
- Advanced Sewage Treatment: 130,000m³/day
- CNR Process
Project period: 2006.09 ~ 2009.05



21. 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



22. 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

23. Paju Wastewater Treatment
Plant (Phase3-2)

Location: Paju, Korea
- Sewage Treatment: 45,000m³/day (MBR Process)
Project period: 2016.05 ~ 2017.10



Combined Cycle
Thermal Fired
Nuclear Power Plant
Renewable Energy

- Maximized value of the industry and expanded competitive edge and influence to include new and renewable energy

GS E&C has accumulated a wealth of experience and knowledge in the construction of electric power plants such as combined cycle power plants in Bugok #5 & #6, coal-fired power plants in Taeon #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 a new combined cycle power plant in Anyang, a coal-fired power plant in Pocheon and a 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 and Kais CCPP in Algeria, strengthening its status in the overseas power generator markets. GS E&C has put an effort to strengthen the competitiveness of new renewable energy and IPP project through the successful constructions of Yeongheung wind power plant, Jeju Kimnyung wind power plant, and the biggest scale Dangjin biomass power plant of Asia.

24. Dangjin Biomass
Power Plant

Location: Dangjin, Korea
- Total Capacity of 105MW
- CFB Boiler 1 Unit + ST 1 Unit
Project period: 2013.02 ~ 2015.07

25. Yeongheung Coal Fired
Power Plant (Unit 5 & 6)

Location: Yeongheung, Korea
- Total capacity of 1,740MW
- 870MW×2 (PC Boiler 2 Units + ST 2 Units)
Project period: 2011.04 ~ 2014.12

26. Pocheon GCCC

Location: Pocheon, Korea
- Steam power generation: 169.9MW STG
- CFBC Boiler×2
Project period: 2015.11 ~ 2018.08



Combined Cycle
Thermal Fired
Nuclear Power Plant
Renewable Energy

27. Andong Combined
Cycle Power Plant

Location: Andong, Korea
- Total Capacity of 400MW
- GT (270MW×1 Unit)
- ST (130MW×1 Unit)
Project period: 2012.04 ~ 2014.06



28. Shin-Hanul Nuclear
Power Plant (Unit 1 & 2)

Location: Uljin, Korea
- 1,400MW×2
Project period: 2010.04 ~ 2020.09

29. 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



30. Youngheung Wind
Power Center

Location: Incheon, Korea
- Total 20MW
Project period: 2010.01 ~ 2011.07

31. Shin-Wolsung Nuclear
Power Plant (Unit1 & 2)

Location: Gyeongju, Korea
- 1,000MW×2
Project period: 2003.07 ~ 2013.01



Combined Cycle
Thermal Fired
Nuclear Power Plant
Renewable Energy

32. Incheon Combined Cycle
Power Plant (Phase #2)

Location: Incheon, Korea
- Total 500MW
- Gas Turbine 160MW×2
- Steam Turbine 180MW×1
Project period: 2007.03 ~ 2009.06



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33. Oksan~Ochang Expressway
Solar Energy System

Location: Cheongju, Korea
- Solar energy generation: 6.5MW
- ESS 19.5MWh
Project period: 2019.06 ~ 2019.11



33

34. PP-12 Combined
Cycle Power Plant

Location: Riyadh, Saudi Arabia
- Total Capacity of 2,050MW
- (GT 4 Units + HRSG 4 Units + ST 1 Unit)×2 blocks
Project period: 2012.05 ~



34

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

Location: Dangjin, Korea
- Total 500MW×2
Project period: 2003.12 ~ 2007.12



35

36. Yerevan Combined
Cycle Power Plant

Location: Yerevan, Armenia
- Total 230MW
- Gas Turbine 167MW×1
- Steam Turbine 63MW×1
Project period: 2007.12 ~ 2010.04



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37. 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



37

T/L & Substation

- **Leading company to provide the total solution in the sector of energy control such as power and communications**

In T&D business, GS E&C has been successfully carrying out various areas of power control such as transmission lines, substations, railway E&M, and communication. We have secured global competence with accumulated knowledge, and this has led to successfully winning bids for the 400kV Power Transmission project in Bangladesh, 380kV IRRQAA Power Transmission line project in Saudi Arabia and 220kV Substation Project in Tanzania. We have advanced to a global toptier in overseas EPC markets for electric transmission and transformation but also have done our best in the area of railway E&M. We are also taking the initiative in providing total solutions in the IT sector as a leading company in the Intelligent Transport Systems (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 Ilсан.



38



38. 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

39. 154kV & 345kV Substation at Paju LCD Complex Project

Location: Paju, Korea
- 345kV GIS Substation
- 154kV GIS Substation
Project period: 2004.03 ~ 2009.03

40. 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

41. 220kV Iringa Substation (Tanzania)

Location: Iringa & Dodoma & Shinyanga, Tanzania
- Installation & Expansion for 4 Units of 220kV Substation
Project period: 2004.03 ~ 2009.03

42. IRRQAA 380kV Transmission Line Project

Location: Riyadh, Saudi Arabia
- Transmission: 380kV 225km
- Steel Tower 621 Set
Project period: 2013.10 ~ 2015.11



PLANT

GS E&C for the power to change tomorrow with today's technology



Petrochemical

● Petrochemical plants all over the world supplied by GS E&D drawing on its abundant experience

GS E&C has carried out multiple petrochemical projects such as Ethylene, PP, Phenol/BPA, and OCU of LG Chemicals, and PP and BTX of GS Caltex, and polycarbonate of LG-Dow, and Lidong Aromatics of China. GS E&C has successfully carried out numerous projects such as, Thai ATC Aromatics, and HMC PP in the Southeast Asia market where we advanced to actively since 2005. Through long construction experience of petrochemical plant, the company won the contract of Sohar Aromatic Project in Oman with 1.26 billion dollar scale which was the largest project of Korea in 2006. The project was completed successfully in 2010 with the impressive 1.8 million hours of zero disaster. We have made a starting point of the advancement to the regions of Africa through the LAB Project of Egypt. GS E&C promotes to expand its business areas to Middle East, Asia, Africa, Central and South America, and CIS.



05. Sohar Aromatics

Location: Sohar, Oman
- BTX 1,000,000 MTPY
- Project period: 2006.06 ~ 2009.11



06. E-LAB

Location: Alexandria, Egypt
- Linear Alkyl Benzene 100,000 MTPY
Project period: 2006.02 ~ 2008.07



07. HMC PP

Location: Map Ta Phut, Thailand
- Polypropylene 300,000 MTPY
Project period: 2007.07 ~ 2009.11



08. QP LAB

Location: Mesaieed, Qatar
- Paraffin 80,000 MTPY
- LAB 100,000 MTPY
Project period: 2004.01 ~ 2006.04



09. 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



10. Salalah Methanol

Location: Salalah, Oman
- Methanol 1,000,000 tons/year
Project period: 2007.07 ~ 2010.04



● New leader in the sectors of oil refining and gas in overseas plants

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 the mid-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 overseas 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, PTLNG 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.



11. Black Gold

Location: Alberta, Canada
- Wellpad × 2
- Infrastructure / Utility
- SAGD type, Bitumen 10,000 BPD (Phase 1)
Project period: 2010.08 ~ 2014.06

12. Cilacap RFCC

Location: Java Island, Indonesia
- 62,000 BPSD RFCC
Project period: 2011.09 ~ 2015.12

13. LPIC-3

Location: Fahud, Oman
- NGL: 19.0MMSCMD
- Utilities & Offsite
Project period: 2016.03 ~ 2020.03

14. STAR

Location: Izmir, Turkey
- Refinery 214,000 BPSD
Project period: 2013.05 ~ 2019.12



15. 4th NGL

Location: Ruwais, UAE
- C3, C4, C5+ TREATMENT
- SRU 30t/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

16. UHV

Location: Rayong, Thailand
- Sulfur Recovery Unit & RFCC
- ARDS 25,000 BPSD
- DCC 29,773 BPSD & SRU / PRU
Project period: 2012.10 ~ 2017.01



17. Rumaita 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)

18. 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

19. North LPG Tank Farm

Mina Al-Ahmadi, Kuwait
- Propane (5 Nos.) / Butane (5 Nos.)
 Tank (72,500m3 × 10 Nos.)
- Utilities & Offsites
- Boil Off Gas & Ship Loading System
- Propane (10") / Butane (28")
 Line for Ship Loading
Project period: 2011.04 ~ 2018.01

20. 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

21. Karbala Refinery

Location : Karbala, Iraq
- CDU/VDU : 140,000/75,000 BPSD
- LPG Production, NHT, ISOM, CCR, FCC, SRU
Project period : 2014.05 ~ 2023.12

22. NSRP

Location: Nghi Son Economic Zone, Tinh Gia,
 Thanh Hoa, Vietnam
- 200,000 BPSD RFCC
Project period: 2013.07 ~ 2017.02





23. Laffan Refinery

Location: Ras Laffan, Qatar
- Condensate Refinery 146,000 BPSD
Project period: 2005.05 ~ 2008.12

24. 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

**25. 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

26. 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



27. UAE Green Diesel

Location: Ruwais, UAE
- Vacuum Unit 35,000
- Hydrocracker 41,000
- Gas Oil Hydrotreater 44,000
Project period: 2008.01 ~ 2011.11



28. 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



ARCHI- TECTURE

GS E&C for the urban aesthetics that changes the world's landscape



Office Building

● **Cutting-edge intelligent building built through a harmony of function and aesthetics**

The office building pursued by GS E&C is not just a simple business facility, but a landmark that creates the image of the city and a symbol that stands for the class and competitive edge of tenant companies. GS E&C is building cutting-edge intelligent buildings with functionality and aesthetics through distinctive design and perfect construction based on advanced technology and abundant experience. Seoul International Finance Center, Gran Seoul, GS Tower, Brighten Yeouido Apartments, and Seoul Central Post Office are world-class business facilities and now serve as major landmarks of Seoul. In overseas countries, GS E&C has demonstrated its outstanding technological prowess by constructing the LG Beijing Tower. Currently, GS E&C concentrates its capabilities on constructing high-tech buildings that integrate cutting-edge technology and business by strengthening its construction, planning, and engineering capabilities for high-rise buildings.



02. Parnas Tower

Location: Seoul, Korea
- Total floor area: 218,490m²
- B8 ~ 38F
Project Period: 2011.12 ~ 2016.07



03. Gran Seoul

Location: Seoul, Korea
- Total floor area: 175,536m²
- B7 ~ 24F (105m)
Project period: 2011.04 ~ 2014.03



04. Brighten Yeouido Apartments

Location: Yeongdeungpo-gu, Seoul
- Total floor area: 246,322m²
- B6 ~ 49F
Project period: 2019.07 ~ 2023.09



05. LG Beijing Tower

Location: Beijing, China
- Total floor area: 151,346㎡
- B4 ~ 30F
Project period: 2002.08 ~ 2005.08

06. Gwacheon Sangsang Xi Tower

Location: Gwacheon-si, Korea
- Total floor area: 110,112㎡
- B5 ~ 15F
Project period: 2020.11 ~ 2023.05

07. Fusionopolis 2A - Tower A&B
Fusionopolis 2A - Tower C

Location: Fusionopolis, Singapore
- Total floor area: 84,215㎡, B3 ~ 18F (Tower A&B)
- Total floor area: 19,418㎡, B2 ~ 5F (Tower C)
Project period: 2011.11 ~ 2014.03 (A&B)
2011.12 ~ 2015.02 (C)



08. GS Tower

Location: Seoul, Korea
- Total floor area: 141,552㎡
- B6 ~ 38F
Project period: 1994.12 ~ 1999.08

09. LG Twin Tower

Location: Seoul, Korea
- Total floor area: 157,835㎡
- B3 ~ 34F
Project period: 1983.06 ~ 1987.06

10. Seoul Central Post Office

Location: Seoul, Korea
- Total floor area: 72,506m²
- B7 ~ 21F
Project period: 2003.07 ~ 2007.08



11. Gwangmyeong Station Xi Tower

Location: Gwangmyeong, Korea
- Total floor area: 119,835.79m²
- B2 ~ 25F
Project period: 2017.05 ~ 2019.08



12. Ferrum Tower

Location: Seoul, Korea
- Total floor area: 55,692m²
- B6 ~ 28F
Project period: 2008.05 ~ 2010.08

13. Jeollanamdo Provincial Government

Location: Muan, Korea
- Total floor area: 79,305m²
- B2 ~ 23F
Project period: 2001.12 ~ 2005.11



Education Research Hospitals

- Maximize the customer satisfaction in regards to the purpose and function of a facility with the best technology

GS E&C possesses extensive experience and excellent technological power in education, research and hospital facilities that pursue both functional space and aesthetic space to carry out special purposes.

For the education facility that is designed and constructed on the basis of geography, culture, and academic understanding, the high-tech research facility where various technical researches are carried out, and the hospital facility where optimal traffic lines per space and multipurpose option skills are applied, GS E&C pursues both functions and aesthetics and maximizes the customer satisfaction with the highest level technology.



14. Data Center GAK

Location: Chuncheon, Korea
- Total floor Area: 47,439m²
- B3 ~ 3F
Project Period: 2012.02 ~ 2013.06

15. LG Science Park

Location: Seoul, Korea
- Total floor area: 236,772m²
- B3 ~ 9F
Project period: 2015.05 ~ 2018.06

16. Anyang EPOCH Data Center

Location: Anyang, Korea
- 40MW capacity
- Total floor area: 22,500m²
- B3 ~ 9F
Project Period: 2021.08 ~ 2023.11

17. NCSOFT

Location: Seongnam, Korea
- Total floor Area: 88,969m²
- B5 ~ 12F
Project Period: 2010.10 ~ 2013.07



Education
Research
Hospitals

18. LG Electronics Seocho R&D Campus

Location: Seoul, Korea
- Total floor area: 125,070m²
- B5 ~ 25F
Project period: 2006.02 ~ 2009.02



19. GS Namchon Leadership Center

Location: Seoul, Korea
- Total floor area: 6,956m²
- B3 ~ 5F
Project period: 2005.10 ~ 2006.09



20. LG Electronics Incheon Campus

Location: Incheon, Korea
- Total floor Area: 102,502m²
- B1 ~ 7F
Project Period: 2011.11 ~ 2013.04



21. Hana Financial Group IDC

Location: Incheon, Korea
- Total floor Area: 65,709m²
- B1 ~ 16F
Project Period: 2015.06 ~ 2017.05



22. 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



23. LIG Insurance Sacheon
HRD Center

Location: Sacheon, Korea
- Total floor area: 48,947 m²
- B2 ~ 5F
Project period: 2007.11 ~ 2011.05



24. Dongguk University
Ilsan Hospital

Location: Goyang, Korea
- Total floor area: 92,276m²
- B2 ~ 12F
Project period: 1999.11 ~ 2002.09



25. Daejeon Eulji
Medical Center

Location: Daejeon, Korea
- Total floor area: 91,741 m²
- B3 ~ 16F
Project period: 2001.04 ~ 2004.02



26. Changwon Gyeongsang National
University Hospital

Location: Changwon, Korea
- Total floor Area: 109,674m²
- B3 ~ 13F
Project Period: 2012.12 ~ 2016.03



● Architectural aesthetics that beautifully sublimate the culture in daily life into a spatial art

In the construction of complex facilities that combine culture, leisure, and sports, such as various cultural facilities and recreational facilities that can accommodate cultural events and performing arts and large-scale exhibitions, gymnasiums, and main stadiums, GS E&C boasts differentiated technology and numerous achievements. GS E&C has built living and cultural facilities located in municipalities of Changwon, Masan, Wonju, and Jinju, the internationally recognized National Museum of Korea, the LG Arts Center which received favorable reviews for its ideal audience seating and stage layout, and the Imam Muhammad ibn Saud Islamic University Stadium in Saudi Arabia.



27. National Museum of Korea

Location: Seoul, Korea
- Total floor area: 134,560m²
- B1 ~ 6F
Project period: 1997.10 ~ 2004.02

28. 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

29. 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



30. KEPCO Art Center

Location: Seoul, Korea
- Total floor area: 70,602m²
- B1 ~ 17F
Project period: 1996.09 ~ 2001.04



31. 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

32. 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



Clean Rooms Manufacturing Facilities

- Superior technological capabilities for special production facilities that require cutting-edge know-how

GS E&C has unparalleled technological capability in Korea for special production facilities of LCD, PDP, semiconductors and pharmaceuticals. We also have the best technological power and performance in the industry in the construction of clean rooms which is the core technology for the factory of superprecision products.

GS E&C also carries out the construction of Biological Clean Rooms which is essential to the production of pharmaceutical products. The company is now expanding its business areas in Korea and overseas countries through the successful implementation of many large scale projects such as the display production line at the LG Display Industrial Complex, the production factory of secondary battery and polarizing plates, and the facilities in the GMP plant of pharmaceutical company.



33. LG Display Guangzhou (P10A FAB)

Location: Guangzhou, China
- Total floor area: 422,228m²
- CR 5F / MR 9F
Project period: 2017.07 ~ 2019.08

**34. 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

**35. Yuhan Pharmaceutical
Corp. Ochang Factory**

Location: Ochang, Korea
- Total floor area: 54,420m²
- B1 ~ 4F
Project period: 2004.02 ~ 2006.02

Complex Cultural Facility

- Provision of the total solution that increases the value of buildings from excellent planning to perfect construction

GS E&C demonstrates its proven capabilities for commercial/logistics/distribution with its excellent specialist workforce, excellent planning ability, epoch-making design, perfect construction, and thorough maintenance and service. GS E&C successfully completed the construction of Garden Five Life, the largest distribution complex in the southeastern region in Korea.

With the successful construction of Times Square which has become a landmark in Yeongdeungpo and the experience with various remodeling projects such as Samcheonggak, Yongsan Electronic Land, and the Export-Import Bank of Korea, we focus on maximizing customer value by establishing a total solution that encompasses the life cycle of the building: construction, building diagnosis, and post-management.



36. Times Square

Location: Seoul, Korea
- Total floor area: 308,597m²
- B5 ~ 20F
Project period: 2006.06 ~ 2009.05

37. AEON MALL BSD CITY

Location: Banten, Indonesia
- Total floor Area: 177,409m²
- 1F ~ 4F
Project Period: 2013.09 ~ 2015.05

38. Garden 5 Life

Location: Seoul, Korea
- Total floor area: 426,743m²
- B5 ~ 11F
Project period: 2006.10 ~ 2009.03



Apartments

● **High-quality apartments leading a high-quality residential culture**

GS E&C has been involved in housing construction since the 1970s and led the housing industry and housing culture of Korea by constructing nationwide apartments. In 2002, we began a new initiative to become number one in housing by introducing an apartment brand, Xi.

Xi has always identified and reflected the trends of consumers to create a new lifestyle, so that with a fundamental philosophy to provide a high quality life anyone desires we have demonstrated the industry leading technology to be established as the highest premium apartments brand in Korea.

Through Green Smart Xi, an eco-friendly energy-saving home, the company is leading the next-generation type of housing by realizing the cutting-edge energy-saving technology. With such effort, the company's high brand power has been recognized internationally, and the company has accomplished the industry's highest number of awards in the categories of brand competency, customer satisfaction, and service from various domestic and overseas public organizations. .GS E&C continues to create a future type of housing through continuous technological innovation and R&D and develops the apartment brand that is most favored by customers.



 **"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.

39. Gaepo Xi Residence

Location: Seoul, Korea
- Housing units: 3,375
Project period: 2019.11 ~ 2023.02



40. Seocho Gran Xi

Location: Seoul, Korea
 - Housing units: 1,446
 Project period: 2018.07 ~ 2021.06



41. Seoul Station Central Xi

Location: Seoul, Korea
 - Housing units: 1,341
 Project period: 2014.06 ~ 2017.08



42. BanPo Xi

Location: Seoul, Korea
 - Housing units: 3,410
 Project period: 2006.04 ~ 2009.01

43. GyeongHui Palace Xi

Location: Seoul, Korea
 - Housing units: 2,533
 Project period: 2014.10 ~ 2017.06

44. Seoulforest River View Xi

Location: Seoul, Korea
 - Housing units: 1,034
 Project period: 2015.11 ~ 2018.06



45. CheongDam Xi

Location: Seoul, Korea
 - Housing units: 708
 Project period: 2009.04 ~ 2011.10



46. Mapo Prestige Xi

Location: Seoul, Korea
 - Housing units: 1,694
 Project period: 2018.04 ~ 2021.03

47. Gwacheon Xi

Location: Gwacheon-si, Korea
- Housing units: 2,099
Project period: 2018.12 ~ 2021.11



48. Dongtan Lake Xi the Terrace

Location: Hwaseong, Korea
- Housing units: 483
Project period: 2016.10 ~ 2018.04

49. Samsong Xi the Village

Location: Goyang, Korea
- Housing units: 432
Project period: 2019.07 ~ 2021.01

Apartments



50. Hangang Bamsun Xi

Location: Seoul, Korea
- Housing units: 488
Project period: 2007.09 ~ 2010.02



51. Sinchon Gran Xi

Location: Seoul, Korea
- Housing units: 1,248
Project period: 2017.03 ~ 2020.02



52. Gran City Xi 1

Location: Ansan, Korea
- Housing units: 4,283
Project period: 2016.10 ~ 2020.02



53. Ilsan Xi

Location: Goyang, Korea
- Housing units: 4,683
Project period: 2008.01 ~ 2010.09



54. Gran City Xi 2

Location: Ansan, Korea
- Housing units: 2,872
Project period: 2017.06 ~ 2020.10



55. WiRye Xi

Location: Seongnam, Korea
- Housing units: 517
Project period: 2014.10 ~ 2016.10

56. Gwangmyeong Station Park Xi

Location: Gwangmyeong, Korea
 - Housing units: 875
 Project period: 1st (2014.10 ~ 2017.07)
 2nd (2015.12 ~ 2018.12)



57. Hangang Metro Xi

Location: Gimpo, Korea
 - Housing units: 4,029
 - 1st: 1,142
 - 2nd: 2,456
 - 3rd: 431
 Project period: 2017.05 ~ 2020.08



58. New Banpo Central Xi

Location: Seoul, Korea
 - Housing units: 607
 Project period: 2015.12 ~ 2018.07

59. Hangang Central Xi

Location: Gimpo, Korea
 - Housing units: 4,079
 Project period: 1st (2014.05 ~ 2017.01)
 2nd (2015.03 ~ 2017.05)

60. 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)

61. Daegu Station Central Xi

Location: Daegu, Korea

- Housing units: 1,245

Project period: 2015.01 ~ 2017.10

62. Misa Gangbyeon Central Xi

Location: Hanam, Korea

- Housing units: 1,222

Project period: 2014.10 ~ 2017.02

63. Banpo Central Xi

Location: Seoul, Korea

- Housing units: 781

Project period: 2017.07 ~ 2020.04



Apartments

64. Namcheon Xi

Location: Busan, Korea
 - Housing units: 913
 Project period: 2020.1 ~ 2023.01



65. Eunpyeong Sky View Xi

Location: Seoul, Korea
 - Housing units: 361
 Project period: 2016.03 ~ 2019.01



66. Dasan Xi Ivy Place

Location: Namyangju-si, Korea
 - Housing units: 967
 Project period: 2017.09 ~ 2021.01

67. KINTEX One City

Location: Goyang, Korea
 - Housing units: 2,208
 Project period: 2016.04 ~ 2019.08



Residential Complexes

● **Creation of high-quality residential space with new value**

GS E&C is attracting attention not only for apartments but also for various residential facilities such as complex apartments and officetels. Our successfully implemented complex apartments include landmark projects such as Yongsan Park Xi, Yeouido Xi, and Seocho Art Xi in Seoul. Our officetels have been built in transportation and business hubs such as Hangang-ro, Yeouido, Seolleung, and Seocho in Seoul, Bundang in Gyeonggi Province, and Incheon Airport, and are recognized for their best marketability. GS E&C will foster complex apartments and officetels by securing capabilities in the construction of skyscrapers.



68. Mecenatpolis

Location: Seoul, Korea
- Housing units: 617
Project period: 2008.07 ~ 2012.06

69. Marine City Xi

Location: Busan, Korea
- Housing units: 258
Project period: 2016.04 ~ 2019.10

70. Ungcheon Xi the Suite

Location: Yeosu, Korea
- Housing units: 854
Project period: 2018.10 ~ 2022.03



LEISURE

GS E&C for the green space that causes the momentary pause of the world



Resorts Golf Courses Hotels

● **Unique competitive edge in the area of general leisure from amenities to recreational facilities**

A new turning point has also arrived in the leisure industry according to the improvement of living standards and the introduction of 5 work days. GS E&C has built domestic and overseas leisure facilities such as resorts, golf courses and hotels and accumulated the unique knowhow to secure the competitiveness in the area of leisure business.

GS E&C has constructed famous golf courses of the Gonjiam Country Club and the Elysian Gangchon Country Club beloved by golfers for their dynamic courses and unique layout. After accumulating the reputation with the construction of the COEX Intercontinental Seoul and the Ladera Tower in Guam, we have built the Grand Intercontinental Seoul to receive the worldwide recognition in hotel construction. In addition, the company is securing comprehensive capabilities for resort facilities from construction to management through the constructions of the Elysian Jeju and the Elysian Gangchon which are now gaining popularity as a general 4-season family recreation resort created with condominium, golf course, ski slope and amenities

01



01. 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

02. Elysian Gangchon

Location: Chuncheon, Korea
- Total area: 60,615m²
- Main Facilities: Golf course/
Ski course/Condominium
Project period: 1999.11 ~ 2002.11



02





03. Grand Intercontinental Hotel Parnas

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

05. COEX Intercontinental Seoul

Location: Seoul, Korea
- Total floor area: 109,069m²
- 29 stories with 654 rooms
Project period: 1997.03 ~ 1999.09



04. Alpensia

Location: Pyeongchang, Korea
- Total area: 151,800m²
- Main Facilities: Hotel/Condominium/ Water park
Project period: 2007.01 ~ 2010.12

06. Andaz Seoul Gangnam

Location: Seoul, Korea
- Total floor area: 42,364.66m²
- B5 ~ 17F/ 283 rooms
Project period: 2016.07 ~ 2019.06



07. Laguna Hue Angsana Resort

Location: Thua Thien Hue, Vietnam
- Total floor area: 38,954m²
- 1F ~ 5F
Project period: 2010.06 ~ 2012.09



08. Vietnam Haiphong Sunflower

Location: Haiphong, Vietnam
- Total floor area: 39,600m²
- 4 stories with 120 rooms
Project period: 1997.01 ~ 1998.09



09. Konjiam Resort

Location: Gwangju, Korea
- B3 ~ 13F
- Main Facilities: Condominium/
Convenient Facilities
Project period: 2006.04 ~ 2008.12

NEW BUSINESS

GS E&C for the creation of unprecedented value



Prefab Business

- **Overwhelming leader of off-site construction, a new paradigm in residential culture**

GS E&C is leading a prefab construction which is emerging as a new paradigm in housing with eco-friendly prefab housing that applies advanced modular construction methods.

The company acquired the advanced European modular companies of Danwood in Poland and Elements Europe in UK. Through such acquisition, the company has established GPC, the PC (Precast Concrete) company in Korea, and XiGEIST, the wooden modular single-family housing subsidiary, and is expanding domestic and overseas modular housing businesses. In addition, the company has developed a new engineering method to improve the fire resistance system and structural joint system that were chronic problems in existing steel modular buildings. Through this new engineering method, the company is improving constructability and cost at the same time.

GS E&C continues to secure the necessary technology for the prefab construction preemptively and advance as a global powerhouse to lead the global prefab market.

 **DAN-WOOD** | Bialystok, Poland

 **XiGEIST** | Dangjin, Chungcheongnam-do, Korea

 **elements europe** | Telford, UK

 **GPC** | Eumseong, Chungcheongbuk-do, Korea
Precast Concrete





 **DAN-WOOD** | Bialystok, Poland

Prefab housing projects

Broad and Solid Status in Europe

Danwood has a manufacturing plant in Poland where annually about 1,500 houses are manufactured and supplied mainly to Germany but also to UK, Switzerland and Austria.

- No. 1 supply of turnkey prefabricated house in Germany
- Over 130 different house designs
- Online service that customers can choose from directly



 **XiGEIST** | Dangjin, Chungcheongnam-do, Korea

Prefab housing projects

Leader in Future Prefab Wooden Housing

XiGEIST is a general construction company in charge of prefab wooden housing that provides services such as design, production, and construction. More elegant life is offered with the reasonable design of residential space which reflects the cutting-edge production technology and the demand and trend of customers.

- Production capacity maximized with state-of-the-art production facilities
- XG Home Self Design System designed by customers
- B2C construction of individual detached houses: 3D volume engineering method
- B2B development of single-family housing complexes: 2D panel engineering method





Prefab Business

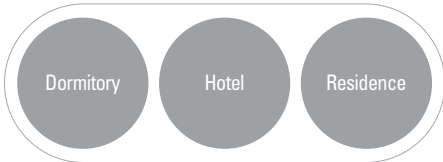
eelements europe | Telford, UK

Mid-rise steel modular construction

Leader in Steel Modules

Elements Europe has extensive experience from design to production, construction and AS service. It is a leading company in volumetric room modules and bathroom pods, which has manufactured and installed over 15,000 modules in the UK since its establishment in 2005.

- Room modules for various projects
- Bathroom pods for large projects
- Proven performance and technology for mid-rise modular construction



CREEKSIDE, GREENWICH ADDISCOMBE GROVE, CROYDON EAST ROAD, LONDON CAMP HILL, BIRMINGHAM



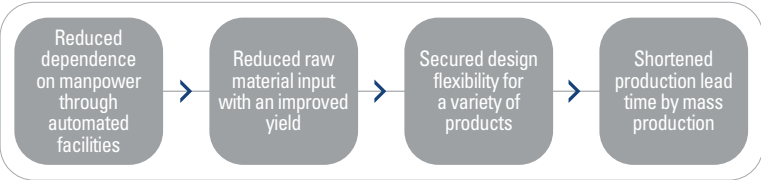
GPC | Eumseong, Chungcheongbuk-do, Korea
Precast Concrete

Precast Concrete

The Strongest Player in the PC Industry of Korea

By securing the production capacity of 550,000m³ and achieving a market share of 20% by 2030, we will leap forward to become the strongest player in the PC market of Korea.

- Maximum production efficiency through factory automation
- Technology-driven industry leader
- Company with the priority on the environment
- PC products applicable to various fields



Water Total Solution Business

● **GS Inima has driven growth into a total solution company that creates high added value**

GS E&C, through its subsidiary GS Inima, is accelerating the water treatment business which is not only the future growth engine but also the representative environmental project.

GS Inima was honored with the ‘Best Global Private Water Treatment Company’ at the 2022 World Conference held by the International Desalination Association (IDA). By winning a contract for the UAE seawater desalination project of KRW 920 billion worth in 2023, the company is recognized for its capabilities as a top global company. GS Inima is expanding its market to the world's five continents including Europe, North Africa, Central and South America, the United States, Brazil, Oman, and Vietnam, and solidifying its status as a global leader through innovative water treatment solutions to stand as a leader of new projects.



02

01. Mostaganem

Mostaganem, Algeria
- Seawater desalination 200,000m³/day
- Concession: 2008 ~ 2036 (29 years)

02. Aljarafesa

Aljarafe, Spain
- Sewage treatment 112,000m³/day
- O&M: 2021 ~ 2025 (3 years)

03. Triunfo

Porto Alegre, Brazil
- Industrial water 144,029m³/day
- Concession: 2019 ~ 2053 (34 years)



01



03

04. Alicante

Alicante, Spain
- Seawater desalination 122,500m³/day
- O&M: 2024 ~ 2026 (2 years)



05. Albufera

Valencia, Spain
- Sewage treatment 20,173m³/day
- O&M: 2022 ~ 2026 (4 years)



06. Ribeiro Preto Wastewater Treatment Plant

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



07. Los Cabos Desalination Plant

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

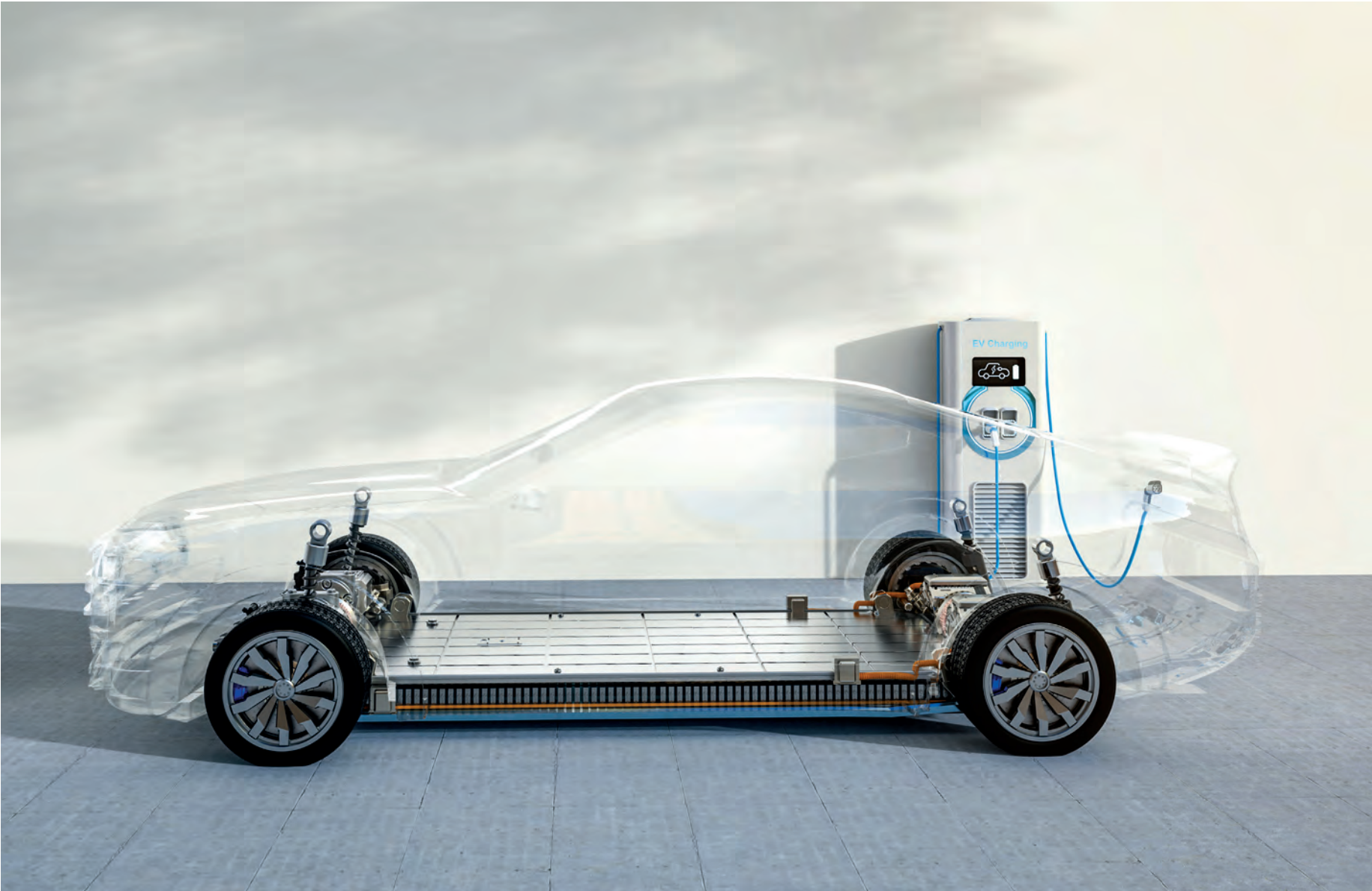


08. Aquapolo

Sao Paulo, Brazil
- Industrial water 56,160m³/day
- DBOO: 2019 ~ 2053 (34 years)



Recycling Business



- **Leading the next generation of eco-friendly industries through business diversification**

As a part of the ESG management, GS E&C seeks to lead the next-generation eco-friendly industry for recycling non-reusable batteries from electric vehicles and items unsuitable for the manufacturing process. To this end, the company has established a subsidiary, Energy Materials that is capable of processing 20,000 tons of black masses per year, and is actively promoting the recycling business of lithium-ion battery. GS E&C will take the lead in increasing corporate value and securing future competitive edge by carrying out a full-scale battery recycling business to secure the competitive advantage in battery materials and by focusing on continuous R&D for a decarbonized and sustainable future as a leading ESG company.

- **The Energy Materials Plant in Pohang**

Company name: Energy Materials
- Lithium-ion battery recycling, capable of processing 20,000tons of black mass per year

Market status: Intensified competition for recycling due to the rapid growth of the global EV market and increased demand for batteries
- Increased demand for lithium, nickel, and cobalt, the main raw materials for lithium-ion batteries
- Revitalizing global markets such as reuse and recycling in accordance with various eco-friendly policies

- **Key role in the closed loop supply chain for electric vehicle batteries**

- Increased demand for nickel, lithium, and cobalt for electric vehicle batteries
- Tightened legal regulations regarding the recycling of used batteries
- Reinforced ESG management (Effect of reduced carbon emission)
- Technical capabilities for environment and plant



A company specializing in battery materials that fulfills its social responsibilities with eco-friendly cutting-edge technology and creates future value with talented people who realize their dreams.

Data Center

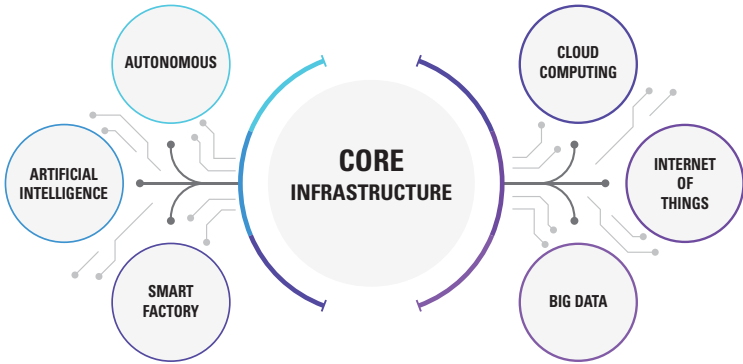


Anyang EPOCH Data Center 40MW
(construction completed in January 2024)

Ilsan Deokgi-dong 60MW
(construction started with the site being prepared)

- **GS E&C has accomplished the largest number of data centers among construction companies**

Approaching to the era of the 4th Industrial Revolution, GS E&C provides services across the entire value chain of data centers, a key industry to secure data to create new ICT services and secure future national competitive edge. GS E&C has accomplished the largest number of data centers among construction companies in Korea. In January 2024, GS E&C has completed the construction of hyper-scale “Anyang EPOCH Data Center” which is equipped with about 100 thousands servers. We have participated in the development and operation of the data center to prepare our position as a developer of data center. During such process, we have established a subsidiary ‘DC Bridge’ that takes charge of the lease and operation service of data center for the first time in domestic construction companies. GS E&C continues to keep our expertise in the entire value chain of data center and put an effort to meet the era of AI and data.



- **What is DATA CENTER?**

- A data center is a special-purpose facility that stably and efficiently operates and comprehensively manages the equipment necessary to provide IT services such as servers, networks, and storage.
- Core infrastructure that stores and processes all information generated in digital technologies and industrial sites such as cloud computing, AI / Big data, IoT, etc.

Global Development

● **Strengthening the status and capabilities as a global developer with specialized competitive edge**

GS E&C has been carrying out overseas development projects in various regions of Guam, Beijing, China, and Haiphong, Vietnam since the 1990s. GS E&C is unfolding infinite possibilities on the global stage as a global developer. Since 2004, we have been carrying out the development of urban complex and new city in Ho Chi Minh City, Vietnam, and continued to expand the areas of advancement to Thailand, the United States, Poland, and Saudi Arabia.

GS E&C possesses the global competitive edge specialized in overseas new city development projects based on the best professional manpower and technology. GS E&C continues to solidify its foundation as a global developer and further to strengthen its capabilities and status in the world through pioneering large-scale overseas development projects and discovering and promoting advanced development projects,



01. Nha Be New City

Location: Ho Chi Minh City, Vietnam
- Site area: 349ha
- Purpose: New Town
(Work, leisure, hospital facilities)
Project period: 2020 ~ 2040

02. Thu Thiem Zeit River

Location: Ho Chi Minh City, Vietnam
- Site area: 9,126m²
- Total floor area: 68,473m²
- Purpose: Residential (Total 300 households, 25/32F)
Project period: 2020 ~ 2024

03. Long Binh New City

Location: Ho Chi Minh City, Vietnam
- Site area: 95ha
- Purpose: New Town
(Residential, Commercial, School, Culture)
Project period: 2020 ~ 2030





04. Origin Plug & Play Ladprao Interchange

Location: Bangkok, Thailand
- Site area: 5,541 m²
- Total floor area: 29,806m²
- Purpose: High-rise APT (Total 644 households, 24F)
Project period: 2020 ~ 2023 (JV: GS E&C 49%, Thailand Origin 51%)

05. Knightsbridge Space Sukhumvit-Rama 4

Location: Bangkok, Thailand
- Site area: 2,580m²
- Total floor area: 21,385m²
- Purpose: High-rise APT (Total 380 households, 31F)
Project period: 2020 ~ 2024 (JV: GS E&C 49%, Thailand Origin 51%)



06. The Sevens

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



07. Wrocław Campus I & II

Location: Wrocław, Poland
- Site area: 39ha for the 1st phase
34ha for the second phase
- Building area: 186,312m² for the first phase
162,978m² for the second phase
- Purpose: Warehouse
Project period: 2020 ~ 2025



08. Oasis Residence

Location: Green Oasis, Riyadh, Saudi Arabia
- Site area: 13,480m²
- Purpose: Residence apartments
(Total 182 households, 4F)
Project period: 2022 ~ 2027
(JV: GS E&C 50%, Saudi Al Argan 50%)



09. Xi Riverview Palace

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



SUBSIDIARIES

India GS Engineering&Construction Mumbai Pvt. Ltd. 2nd Floor, D-Wing, Jolly Board Tower, I think Techno Campus, Kanjurmarg (E), Mumbai, India	Spain GS Engineering&Construction Spain S.L Calle Gobelas 41 1A 28023 Madrid	United Kingdom Elements (Europe) Limited 2 Mile Oak, Maesbury Road, Oswestry, Shropshire, SY10 8GA
Saudi Arabia GS Construction Arabia Co., Ltd 6th Floor, Al-Fardan Tower, Al-Khobar 31952, Kingdom of Saudi Arabia	GS Inima Environment S.A. Calle Gobelas 41 1A 28023 Madrid	GS Real Estate Development Company London LTD. 405B, 26-28 Hammersmith Grove, London W6 7BA, United Kingdom
GS Real Estate Development Company Riyadh Office Building No 3161, Al-Munisiyah District, Al Thumamah Road, Riyadh	Indonesia PT GSDI 10th fl. WTC 2, Jalan Jendral Sudirman Kav 29-31, Jakarta, Indonesia	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	USA GS Village Lake LLC 17901 Von Karman Ave., Suite 875, Irvine, CA 92614	ZEIT DEVELOPMENT POLAND LLC Krucza 68, 53-411, Wroclaw, Poland
Vietnam Vietnam GS Enterprise One-Member LCC 10 Luong Dinh Cua street, An Khanh Ward, District 2, Ho Chi Minh City.	GS Property Mountain View LLC. 17901 Von Karman Ave., Suite 875, Irvine, CA 92614	Abu Dhabi GS Construction Middle East L.L.C. Office No. 7/8, 9th Floor, Prestige Tower within BMC9712, Mohammed Bin Zayed City, Abu Dhabi, UAE
Vietnam GS Industry One-Member LCC 10 Luong Dinh Cua street, An Khanh Ward, District 2, Ho Chi Minh City.	Australia GS Engineering & Construction Australia Pty Ltd Level 19, 570 Bourke Street, Melbourne 3000	Ukraine Chervona Gora EKO 89670, Zakarpattia Region, Mukachevo District, Nyzhnii Koropets Village, 184 Myru Str.
	GS SPV PTY LTD LEVEL 15 1 O'CONNELL STREET SYDNEY NSW 2000	Thailand GS E&C Development (Thailand) Co., Ltd 1 Empire Tower Floor 22, #2206/2, South Sathorn Road, Yannawa, Sathorn, Bangkok 10120, Thailand

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Bahrain Manama GS E&C Corp. Manama Branch Rayan Residence,Bldg No.1098, Road No. 3622, Seef District 0436, Bahrain	Singapore Singapore GS E&C Corp. Singapore Branch 8 Temasek Boulevard, #22-05 Suntec Tower 3, Singapore 038988	Indonesia Jakarta GS E&C Corp. Jakarta Branch 10th fl. WTC 2, Jalan Jendral Sudirman Kav 29-31, Jakarta, Indonesia

Global GS E&C is...

Takes on any challenge and never gives up until we see the job through to the end.
Advances without fear of anything or anyone, we create the new.
Broadens the world with our ceaseless spirit to challenge norms.