

Excellent People  
Excellent Company

# HanmiGlobal

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In Singular Pursuit of Customer Satisfaction



# HanmiGlobal's Five Pillars of Customer Value

All of us at HanmiGlobal are united in the pursuit of "Customer Value Creation". Our services are incomparable as our aims go beyond satisfying customers



## Creating Maximum Value at Minimum Cost

- Serving as an optimal agent for projects while saving personnel expenses
- Advocating client interests
- Providing necessary leadership for project integration management
- Transfer of professional know-how and technology



## Saving Final Project Cost and Expediting Completion

- Use of various cost control methods to complete projects within budget
- Win-win strategy through IPD\*, evenly distributing responsibilities and performance results among all project participants
- Minimal design changes and precise management of inevitable changes
- Reasonable procurement practices to achieve optimum prices

\* Integrated Project Delivery (IPD) : a project delivery method that integrates construction project processes by integrating client, designer, contractor, and consultant into a single team, with all participants, equally sharing responsibilities and results



## Guaranteed Customer Satisfaction

- Differentiated high-grade services
- Optimized proposals and presentations in every situation
- Systems with sharing and propagation of accumulated data and knowledge : Intranet (HITs), Management Information Systems (MIS), Knowledge-based Management System (KMS)
- Detailed record keeping and management on work processes and outcomes



## Prevention of Potential Errors and Hazards

- Minimizing disputes related to project funding and deadlines
- Utilization of advanced non-conformity handling standards
- Preventing accidents through HanmiGlobal's specialized safety management system
- Forecasting and managing intrinsic risks within projects



## Transparency with strict adherence to Ethical Codes

- Strict compliance with stipulated ethical guidelines
- Transparent and honest procedures and methods
- Dedicated to professionalism
- Equitable mediation and arbitration in matters related to project interests

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# Pre-construction is the key to project success

Pre-construction is a preliminary activity that allows a construction project to proceed as planned by pre-validating all matters related to cost, schedule and quality before construction phase.

HanmiGlobal is an International Pre-construction Expert. Pre-construction is the key to project success, over and above design and construction.



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# About HanmiGlobal



Chairman's  
Message

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Management  
Philosophy

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Corporate  
Culture

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## Chairman's Message



## Your Success Is Our First Priority

Dear clients,

HanmiGlobal, the leading project management company in Korea, has contributed to the development of the Korean construction industry since its inception in 1996, and introduced the advanced project management. Our portfolio spans over 2,700 successful projects at home and abroad, including landmarks such as Seoul World Cup Stadium, Lotte World Tower, Jang Bogo Station in Antarctica, Tower Palace residential complex, Starfield Mall, and Marina Bay Sands Hotel in Singapore.

HanmiGlobal has played a critical role in driving project success for customers in the high-tech industry, such as semiconductor and battery manufacturing plants, industrial complexes, data centers, logistics centers. Now we are expanding our expertise into green energy, infrastructure, real estate development and finance. Our "HG PRECON service" helps customers identify

factors to be controlled in the pre-construction phase to reduce project duration and costs and maximize customer profitability.

Creating customer value has always been our foremost goal. With this goal in mind, we will never spare our efforts in improving techniques through constant innovation and challenges and creating the best performance as a total solution provider, aiming at co-prosperity with customers. We will always strive to make every one of your projects with HanmiGlobal a resounding success.

We thank you for your continued encouragement and support, and pledge to pursue tireless innovation and development to serve you better.

Thank you.

Kim Jong-Hoon  
Chairman, HanmiGlobal

# Management Philosophy

**An excellent company contributing to the development of human society by creating value in the construction industry**

The HanmiGlobal management philosophy embodies our grand aspirations, beliefs, and convictions. Our management philosophy sets forth our mission and core values, serving as the basis for all management practices and decision-making, and as a standard by which we measure our progress and make changes as needed.

The HanmiGlobal mission is “Contribute to a better society by creating value in the construction industry through continuous innovation.” Our mission is the fundamental reason for our existence, and our obligations to clients, employees, stakeholders, and human society at large are defined in details accordingly.

The five core values of HanmiGlobal are Integrity, Safety, Customer, Excellence, and Contribution. By keeping and practicing these core values, we strive together to achieve our mission.

**VISION** We will evolve into an excellent company with excellent people, and build an employee-centered & delighted organization with top talent by 2027



## MISSION

**Contribute to a better society by creating value in the construction industry through continuous innovation**



**For customers:** Creating customer value through unrivaled quality and trust

**For employees:** Cultivating an enjoyable and rewarding work environment

**For shareholders:** Maximizing shareholder value through transparent management practices and enhanced corporate value

**For society:** Fulfilling our corporate social responsibility through ESG management

## CORE VALUES



<b>Integrity</b>	→ We think and act with honesty, integrity, and transparency to our colleagues, clients, and other business partners.
<b>Safety</b>	→ We always put safety first based on respect for human dignity.
<b>Customer</b>	→ We are firmly committed to bringing customer success in all behaviors and system operations.
<b>Excellence</b>	→ We pursue continuous innovation and strive for excellence to deliver high-quality services.
<b>Contribution</b>	→ We uphold our reputation as ethical corporate citizens, and actively participate in social contribution activities.

# Corporate Culture

## Happiness Management



A happy workplace for all

At HanmiGlobal, we firmly believe that our employees must be happy in order for us to provide our customers with new values and lasting impression. We have accordingly implemented an organizational culture initiative under the title of “Happiness management.” Working together in an atmosphere of mutual trust makes the workplace enjoyable for all, and in a virtuous cycle, this positive workplace attitude in turn leads to better customer value creation.

The “Happy workplace” that HanmiGlobal aims to create is a place where employees look forward to fulfilling their duties when they arrive at work. Our staff genuinely enjoy the workday, at the end of which they feel that the day’s work was worthwhile, and we all share the valuable outcomes borne by our effort.

What makes the workplace happy is the “passion and consideration” of our employees. We were named among the “Best Places to Work in Korea” for five consecutive years since 2011, and received the Great Work Place (GWP) Award and GWP Grand Award for nine consecutive years beginning in 2003. In 2021, HanmiGlobal was named among the “Best Companies to Work For” by Korea’s Ministry of Employment and Labor.

We are a family-friendly enterprise and were certified as “Family Friendly Management” by the Ministry of Gender Equality and Family in 2009. We have been recertified every three years since.



## Ethical Management



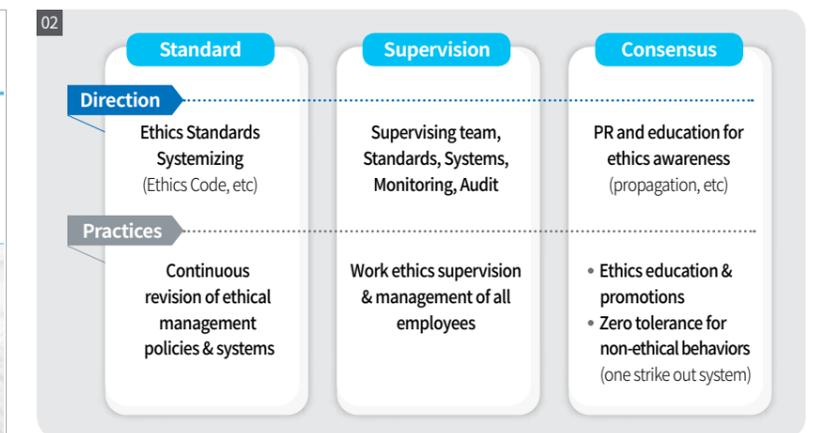
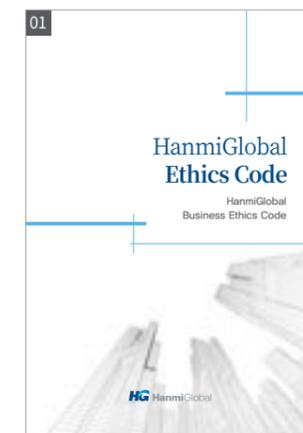
Practicing ethical management with “Integrity” as a core value

Since its foundation, HanmiGlobal has utilised strict ethical management practices to fight various unjust customs and conventions in the construction industry. We maintain global standards in transparency and ethics as we contribute to the nation and society creating customer value.

Integrity is first and foremost among our core values. We operate an exclusive ethical management organization and a number of ethical management programs, including ethical guideline evaluation and compliance pledges at the start of each business year, periodical trainings and self-diagnoses in ethical management practices, operation of internal reporting channels, and a rewards program for informants. These programs are monitored regularly and improved on a continual basis. Through these efforts, ethical management practices are now a deeply rooted element of the HanmiGlobal corporate culture. We have a reputation in the industry for strict adherence to ethical guidelines and are leading the way in establishing fair and transparent business practices in the market.

HanmiGlobal has constantly fought against corruption and unfair industry customs. Since 2014 we have been performing the “Ethical Management Practices Agreement” for each of our projects. This was inspired by the World Bank’s “Collective Action” against corruption and encourages solidarity among all project stakeholders to battle corruption. We and our partners operate according to fair transaction practices and cooperate toward mutual growth. These joint efforts have been significant in HanmiGlobal projects since 2014 as we remain strongly committed to ethical management practices.

- 01 The HanmiGlobal Business Ethics Code
- 02 Ethics Standards Systemizing Diagram



## Safety Management



Safety and Health Management Conferences where all company members participate

Safety is an irrevocable foremost management value for HanmiGlobal. Our inclusive safety and health management activities involve all of our staff, and help to remove potential risk factors and make the work environment safer and more comfortable. Our safety organization is built around global safety experts, and is working to firmly establish safety in our corporate culture. In the field, we operate under the slogan “Safety First”, laying a foundation for safety culture for each project and reinforcing accident prevention activities to make our construction sites safer.

We have acquired and maintained the ISO45001 Occupational Health and Safety Management certification since 2009, and continue to adopt and reinforce systems for occupational health and safety. Every project operates in line with “10 Workplace Safety Ground Rules for Critical Accident Prevention,” managing risk factors that may lead to serious accidents through identification and analysis.

Safety management capacities need to be reinforced in today’s smart construction market. HanmiGlobal has developed digital-enabled safety management tools and introduced them to all of our sites, and the safety management data gathered from these tools are analyzed to prevent accidents for similar sites in the future. We will continue to develop and improve such tools and related services, upholding the belief that a firmly rooted corporate safety culture will make a real difference in the quality of services for our clients.

- 01 Safety Culture Campaign Leaflet
- 02 Safety Inspection Guidebook
- 03 ISO45001 Occupational Health and Safety Management Certification



## Social Contribution



Sharing love and giving hope by contributing to society

Since the inception of HanmiGlobal, the fourth Saturday of each month has been designated as “Give Back to Society” day in order to contribute to society.

We established a CSR committee to plan and develop a range of corporate social responsibility programs in a more organized and systematic manner. HanmiGlobal’s activities are set apart from typical CSR activities in that we go beyond providing everyday necessities or volunteering individual time and effort. We draw on our expertise and know-how in construction project management (PM) to offer a helping hand in improving social welfare facilities. Through this and other ways we give back to society in a way that only we can.

In 2010, we founded the social welfare foundation “Walk Together.” The foundation provides space welfare and advanced assistive devices, create jobs, organize volunteer services, and engage in international development cooperation with an annual budget of \$699 million. In addition, HanmiGlobal has implemented “Double Matching Grant” where employees donate 1% of their monthly salary and the company donates another 1% to Walk Together.

In recognition of our social contributions, Sustainvest ESG evaluation has given HanmiGlobal the highest possible rating of “AA” for a fifth consecutive year. In 2021 we ranked **first in the capital goods sector and third among 1,004 listed corporations.**

- 01 Mapo Senior Welfare Center
- 02 Volunteers painting a mural
- 03 Roundtable with Walk Together partners (volunteer organizations)



# HanmiGlobal Project



Seoul World Cup  
Stadium



South Cape Owners  
Golf Club



Myanmar Lotte  
Hotel Yangon



Goseong Hai  
Thermal Power  
Plant



Lotte World Tower



Jang Bogo Station  
(Antarctica)



Pyeongchang  
Alpensia Resort



Yeongam  
Photovoltaic Power  
Plant



Starfield Hanam



Jeju Aerospace  
Museum



Busan Newport  
Container Terminal



Hyunjong Wind  
Power Plant



National Institute  
of Ecology

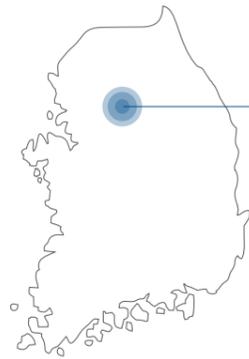


Singapore Marina  
Bay Sands



Chincheru  
International  
Airport

# Seoul World Cup Stadium



Sangam, Seoul  
Location : Sangam-dong,  
Mapo-gu, Seoul  
Client : Seoul Metropolitan  
Government  
GFA : 166,503 m<sup>2</sup>



The Seoul World Cup Stadium, with outstanding aesthetic beauty and functionality, is often named among the world's 10 best football stadiums. This was the first public project in Korea to incorporate construction PM(1998). HanmiGlobal's specialized project management techniques helped reduce construction time by around four months, completing the stadium in November 2011 in time for the successful hosting of the 2002 World Cup.

At the time, constructing a stadium of this scale normally took five to six years. HanmiGlobal, as the leader of PM teams, led the pre-construction process, and successfully negotiated with the Public Procurement Service to introduce the fast track method and expedite the project, setting an exemplary case in Korea.

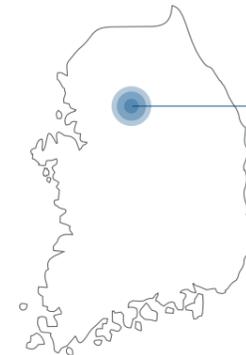
Korea was in a rush to complete its world cup stadiums in time for the event, and HanmiGlobal's use of advanced pre-

construction techniques in this project represented a major advance in the Korean construction industry. We noted that large stadiums became too often unprofitable due to heavy maintenance cost burdens after completion of the sporting events for which they were originally built, and thus proposed that the stadium complex be designed to incorporate income-raising facilities (discount stores, wedding halls, swimming pools, sports facilities, etc.) from the start. As a result, the Seoul World Cup Stadium is the only world cup stadium in Korea that is generating a profit. The Seoul World Cup Stadium project was a demonstration of the power of PM/CM and pre-construction, a turning point for the Korean construction industry. For its contribution to the successful hosting of the 2002 World Cup, HanmiGlobal Chairman Kim Jong-hoon received the Sports Merit Medal from the government in November 2002.





# Lotte World Tower



**Jamsil, Seoul**

Location : Jamsil-dong,  
Songpa-gu, Seoul  
Client : Lotte Property &  
Development  
GFA : 726,524 m<sup>2</sup>  
Floors: 123 (555 m)

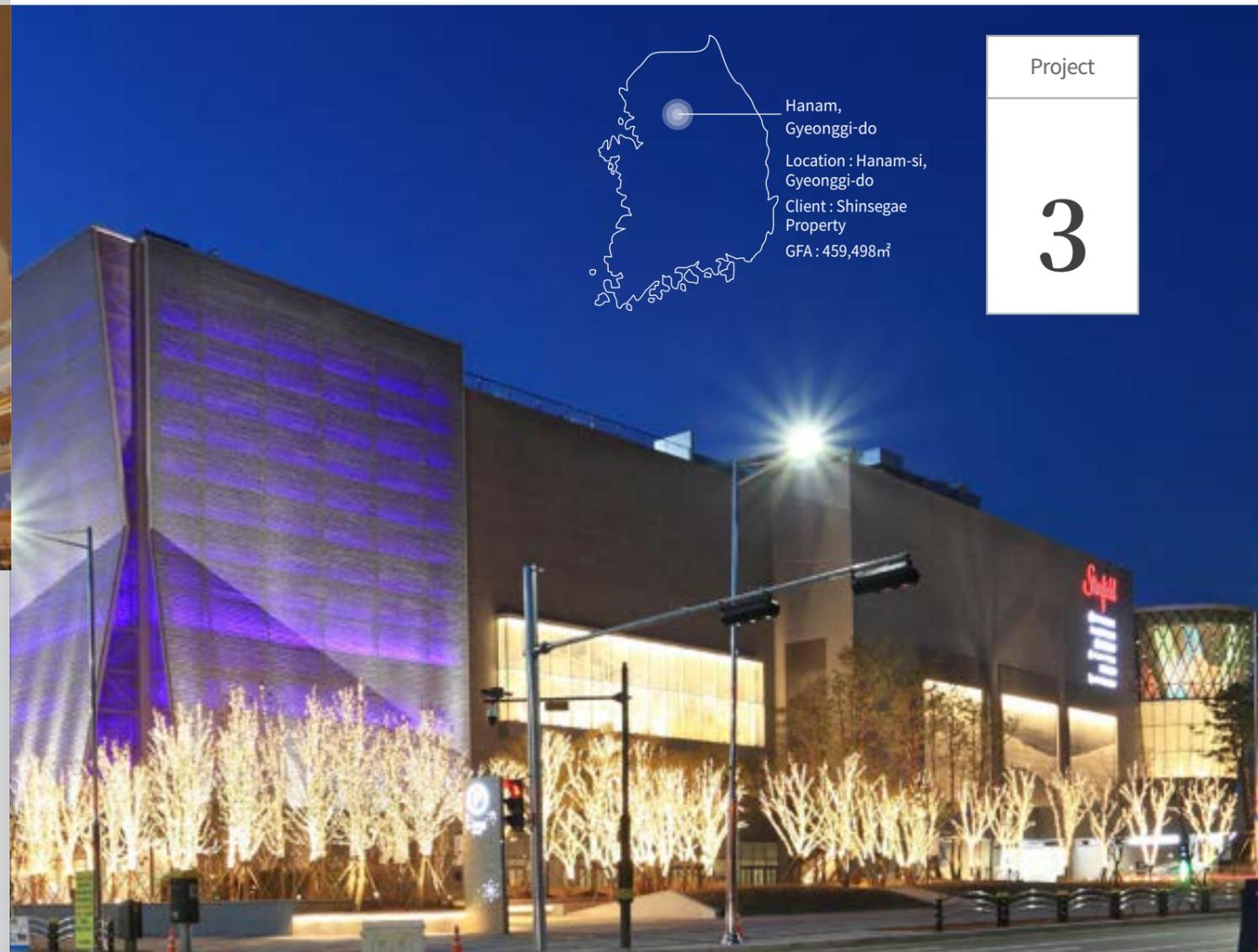


Lotte World Tower is Korea's first ultra high-rise project in Korea at over 100 stories. Thirty years after acquiring the project site in December 1987 and six years after receiving a 123-story building permit in 2010, Lotte World Tower, standing at a height of 555 meters, became the fifth tallest building in the world when it opened. HanmiGlobal has executed a number of ultra high-rise projects in Korea and abroad, tasked with managing schedule, quality, safety, and technology. HanmiGlobal's contributions were phenomenal in the successful completion of the monumental structure of Lotte World Tower.

All manner of state-of-the-art construction techniques are incorporated into Lotte World Tower, including ultra-high-strength concrete mixing, ultra-low-heat concrete mixing and pumping, high-precision satellite survey technology, tower crane optimization and placement, and slanted core wall construction. The foundation was made by reinforcing bedrock of 108 of piles of 1m diameter and 30m length, and by constructing mat foundation of 72m width and length and 6.5m depth, and by using around 4,200 tons of steel re-bar including 51mm diameter high strength rebar and 80,000 tons

of ultra-high strength concrete. The structure is capped with a 120 m high diagrid, outriggers, belt trusses, and other state-of-the-art structures to help the building to bear lateral forces. Lotte World Tower is designed to withstand gusts of 80 m/s and earthquakes of up to magnitude 9.

HanmiGlobal participated in the pre-construction and building phases, providing technological support for ultra high-rise construction and construction supervision services. Our involvement covered planning of various tasks prior to construction as well as discussing issues pertaining to structural systems, vibration issues, curtain wall, and stack effect with the client and proposing solutions. Following completion of the structure, we provided Structural Health Monitoring (SHM) services to quantify and manage the structural safety of the building, providing 24-hour monitoring of structural safety and hazards due to storms, earthquakes, and potential terrorist attacks. HanmiGlobal's contribution was exceptional in the successful completion of Lotte World Tower, which has become a must-visit landmark of the city.



Hanam,  
Gyeonggi-do  
Location : Hanam-si,  
Gyeonggi-do  
Client : Shinsegae  
Property  
GFA : 459,498㎡

Project  
**3**

## Starfield Hanam

The Starfield Hanam project was devised by the Gyeonggi-do Provincial Government and Hanam city to stimulate the economy of Hanam by drafting new urbanization plans for previously designated greenbelt zones and attract foreign capital to build a suburban mixed-use shopping complex.

The complex occupies a site of 115,702 m<sup>2</sup> and has a gross floor area of 459,504 m<sup>2</sup>, the size of 70 football fields, making it Korea's largest mixed-use shopping mall. The project was a 50:50 joint venture between Taubman of the U.S. and the Shinsegae Group. The most prominent design feature is the skylights that bring natural light into all of the stores. The complex consists of a Shinsegae Department Store, the warehouse-type discount store Traders, the sporting goods shop Sports Monster, an Aquafield spa, a Megabox multiplex, stores for all Shinsegae e-Mart brands, and over 300 brand shops.

HanmiGlobal has been a long-time project partner with the Shinsegae Group, and our CM involvement in the Hanam Starfield project began in the pre-construction phase in August 2013. The project was fast-tracked (concurrent

engineering and building) to expedite the timeline.

A core objective of the client from the inception of the project was to achieve about KRW 80 billion in cost savings. The CM group and the client embarked on a joint value engineering effort to save construction costs, and successfully reduced construction costs by 8.5% (approx. KRW 50.4 billion) relative to the initial budget. Analyzing these savings by project phase, 93% of savings were realized in the design phase, a part of the Pre-con phase, with a further 7% savings in the construction phase. This demonstrated that opportunities for project cost savings are far more abundant in the project design phase.

As for the timeline of the project, the builder initially assessed a construction period of 36 months, but HanmiGlobal determined that 33 months would be sufficient, so the client and builder entered into an agreement for the proposed 33 months, three months shorter than the original plan. Stringent process management and leadership by HanmiGlobal were instrumental in meeting this 33-month deadline. The volume of work required was immense: excavation, for example, required more than 700 dump trucks circulating daily to

remove soil. By closely managing key heavy equipment processes, we were able to shorten construction by two months. As for foundation and basement floor structural work, we developed a detailed schedule for each zone, which allowed a reduction of one month.

Thus, we successfully ensured the on-time completion of our first-ever large mixed-use shopping facility project, allowing shops to open on time, boosting revenues and reducing opportunity costs to maximize profits.

In addition to lowering construction costs and accelerating completion, safety management was a top priority.

The PM team and contractor jointly managed fall prevention, fire prevention, and strict compliance to heavy equipment handling rules. Alongside daily safety inspections, weekly safety patrols aiming at each target were also enforced, and thorough technical safety reviews were conducted on top of the efforts to prevent accidents. By the time of completion, HanmiGlobal and the contractor had achieved five times the zero-accident goal originally intended (4,500,000 hours), with not a single serious safety accident or fire. Within just a month since its opening, Starfield Hanam received 3 million guests and recognized as a high-class shopping facility (100,000 visitors daily on average).

# National Institute of Ecology

The National Institute of Ecology is an ecological research, exhibition, and educational space where visitors can observe and experience the flora and fauna of the Korean peninsula as well as the five major climate zones in the world: Tropical, Dry, Temperate, Mediterranean, and Polar. The facility was built to lead Korean ecological studies and augment the competitive power of Korean ecological studies in the world, and to provide the public with a space for ecological experience and learning to cultivate a sound awareness of ecological and environmental conservation.

The National Institute of Ecology was completed through a number of individual projects implemented in different ways (turnkey, lowest price bidding, consignment method, etc.), and the role of HanmiGlobal performed integrated management of these individual projects to induce effective

owner-developer collaboration.

The giant “Ecorium” greenhouse houses about 1,900 plant species and about 230 animal species selected through field surveys and literature review in an area exceeding 21,000 m<sup>2</sup>, and closely reproduces varying ecosystems across different climate zones to give visitors an accurate representation of the relationship between climate and organisms.

Comprehensive cost management by HanmiGlobal helped to save approximately KRW 39 billion in project costs. Under our management, each of the different climate zones were engineered and constructed meticulously to the highest quality standards, and for our contribution, HanmiGlobal received the Minister of Environment’s Order of Merit.



Seocheon  
Chungcheongnam-do

Location :  
Seocheon-gun,  
Chungcheongnam-do  
Client : Ministry of  
Environment  
GFA : 58,534 m<sup>2</sup>

Project

4



# South Cape Owners Golf Club



Namhae  
Gyeongsangnam-do

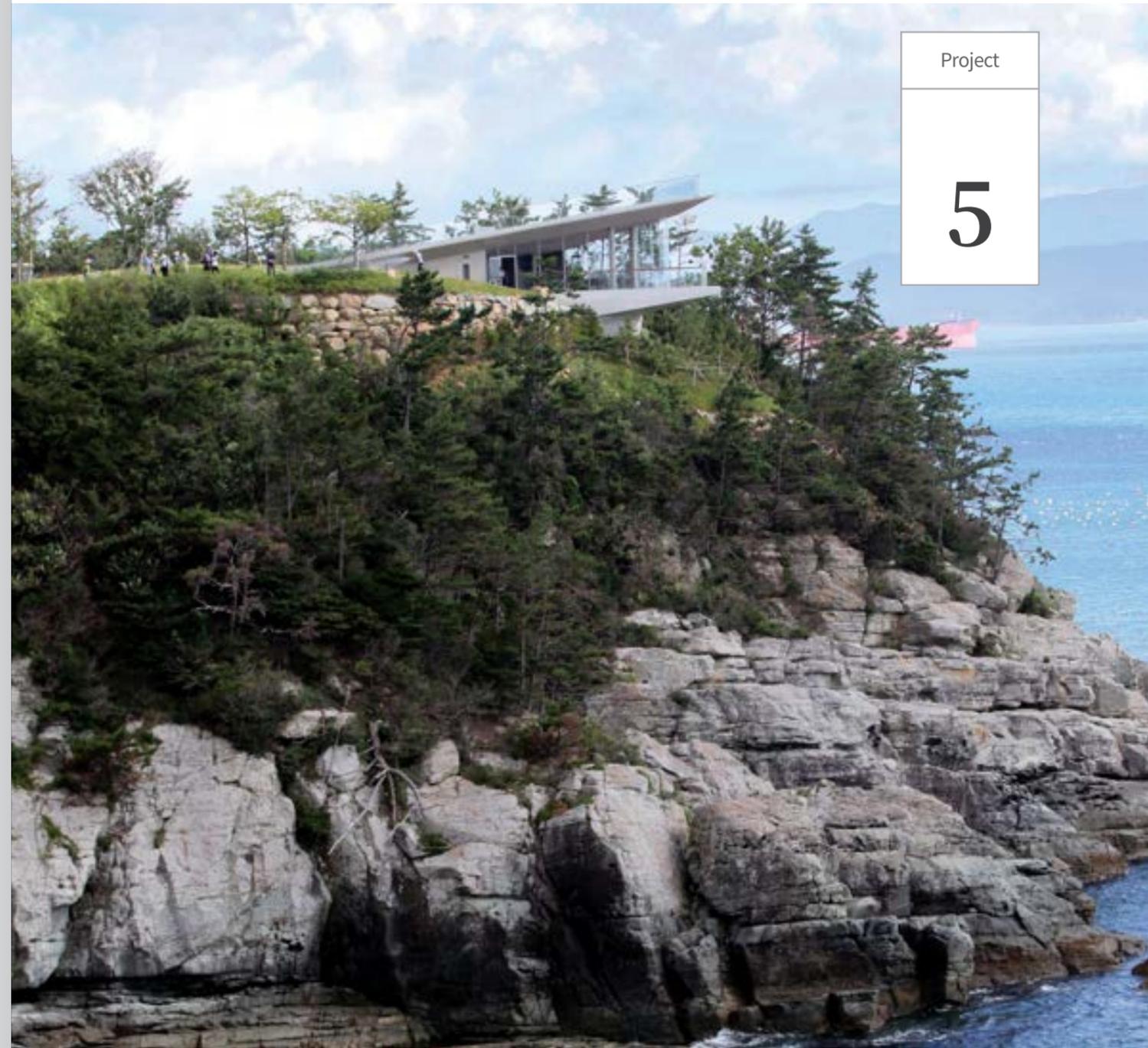
Location : Jindong-ri, Changseon-myeon,  
Namhae-gun, Gyeongsangnam-do  
Client : Handsome P&D  
GFA : 15,101 m<sup>2</sup>

Along the southern coast and bordering the waters of Hallyeohaesang National Marine Park lies a prestigious golf resort surrounded by an abundance of nature. The complex occupies the southern tip of Changseon-do island, hence the name. HanmiGlobal's sweat and toil are evident in every inch of the beautiful clubhouse. The client had decided to redesign the structure, and HanmiGlobal used a CM-at-risk approach with simultaneous fast-tracking to prevent any delays. Upon the client's request to allow the designer to envision the most creative ideas possible, the engineering process was conducted alongside simultaneous shop drawing review, cost management, defect prevention, and maintenance optimization.

To help the client decide the final design, HanmiGlobal created a visual mock-up of the designer's amorphous white exposed concrete facade. Two visual mock-ups were created, capturing the designer's intentions and meeting the client's expectations. Having already developed the designer's drawings into workable shop drawings to create the mock-ups, HanmiGlobal, as both the PM and contractor

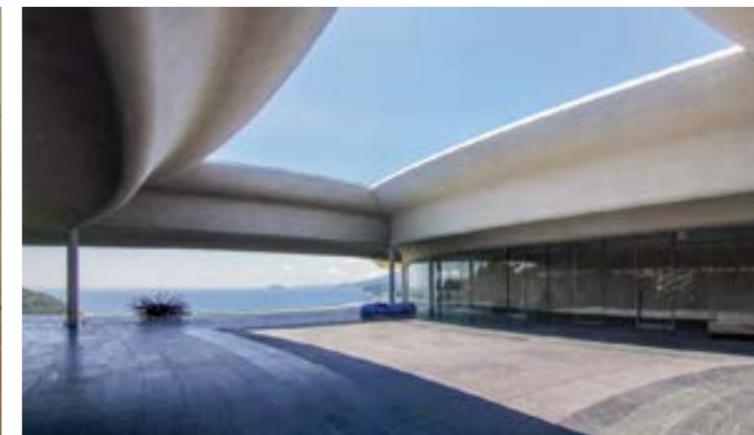
for the project, was able to create exact masterpiece that the designer had intended on time.

The resort of which the golf course is part has become, as envisioned by the client, an "ultimate healing resort." Thanks to HanmiGlobal's customer-centric realization of the designer's ideas, the South Cape Owners Golf Club clubhouse received the gold prize in the 2013 Gyeongnam Architecture Awards. The course is consistently listed among the world's 100 best golf courses, and it was named one of the world's 10 best and Asia's best golf course in 2020 by the US Golf Digest. While South Cape is a public golf course, its marketing objective is to attract high-end VIP guests. Accordingly, the clubhouse often serves as a venue for luxury brand product launch events and is frequented by celebrity guests. The resort is a hidden retreat and honeymoon spot for Korea's top celebrities, and numerous TV dramas and advertisements have been filmed on the premises. The lobby of the South Cape Owners Golf Club clubhouse offers an awe-inspiring experience every time with its fantastic architecture.



Project

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# Jang Bogo Station (Antarctica)

Jang Bogo Station, constructed on the shores of Terra Nova Bay in the Northern Victoria Land of East Antarctica, is a meteorology, mineralogy, and glacial research facility and is Korea's second Antarctic research station. The 16-building complex has a gross floor area of 4,661 m<sup>2</sup> and consists of a main building (living facilities and main research laboratory), power generation building, and maintenance facility, next to an observatory and 24 subsidiary facilities.



Northern Victoria Land, Antarctica

Location: Terra Nova Bay, Antarctica  
 Client : Korea Polar Research Institute (Korea Ocean Research & Development Institute)  
 GFA : 4,661 m<sup>2</sup>



Project  
 6

HanmiGlobal participated in this turnkey project from the working design phase and implemented optimized design management through preliminary site surveys and consultation with the Overwintering Team at the King Sejong Station, Antarctica. The polar environment is unforgiving, allowing only three months of building time in a year, and required all facilities to be 100% prefabricated for mock-up in Korea before assembly on site. HanmiGlobal performed the mock-up and field testing process in Korea to identify and address any issues beforehand, including foundation, structure, module, and exterior panel assembly tolerances. The structure was completed in two phases (Nov. 2012-Mar. 2013 and Nov. 2013-Mar. 2014). Despite our meticulous attention to detail, building in the Antarctic brought its fair share of challenges. The sheer distance from Korea to the Antarctic meant that the committed workforce had to be multi-skilled and multi-functional, and smooth communications were key in ensuring that work progressed on schedule.

At HanmiGlobal, we have determined that the more hostile the project environment, the greater is the need for preparations. Ultimately, early pre-construction activities are what determine the success or failure for a project. Our pre-construction activities in the early design phase, encompassing technical evaluation of equipment and testing of various materials for applications such as seawater tank fabrication, as well as our value engineering activities, helped to achieved a reduction of around KRW 2 billion in project cost.

The Jang Bogo Station project was a pioneering opportunity for HanmiGlobal to demonstrate our ability to implement flawless construction management even in the most hostile polar environments, creating an ideal site for polar research and surveying. In particular, our pre-construction activities were instrumental in identifying and addressing potential on-site issues beforehand, which facilitated the successful implementation of the project.

Project

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# Jeju Aerospace Museum



Jeju Island

Location : Andeok-myeon, Seogwipo-si, Jeju-do  
 Client : Jeju Free International City Development Center (JDC)  
 Site Area : 30,146 m<sup>2</sup>

The Jeju Aerospace Museum is Asia's largest exclusive state-of-the-art aerospace museum, combining education and entertainment in the cutting-edge future industry of aerospace science and technology. The museum features a range of aircraft capturing the history of piloted flight and the Republic of Korea Air Force, with exhibits the story of humankind and the stars, from prehistoric times to the age of space exploration.

From the beginning of HanmiGlobal's participation in the project in May 2009, we were tasked with overall project management, from design development to construction documents, construction, and completion. Our total solution encompassed project feasibility studies, master plan review, preparation of turnkey bid invitation, design management, cost management, schedule management, quality management, and safety management. For our contribution to the project, HanmiGlobal received the award for excellence in public projects at the 2012 Value Engineering Competition from the Ministry of Land, Transport and Maritime Affairs. We received especially high marks for comprehensive value improvement, which simultaneously achieves cost saving with improvements to value engineering (VE) methodologies and efforts to build and improve VE capacities.



Project

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## Singapore Marina Bay Sands

The Marina Bay Sands Hotel in Singapore is the first urban resort complex in Southeast Asia and a landmark of Singapore. Built on a 570,000 m<sup>2</sup> site reclaimed from Marina Bay south of Singapore, the complex includes a convention center, museum, theater, casino, outdoor performance venue, hotel, sky park, and wedding hall. The resort is the centerpiece of a MICE complex for business, leisure, and shopping amid the high rises of the city center. Whereas conventional resorts are designed simply for relaxation this complex links business with leisure to achieve a number of synergistic effects.

The government of Singapore the Las Vegas Sands Group, the world's largest casino developer, a large resort complex to serve as a landmark for the island state, and Marina Bay Sands opened its doors in 2010.

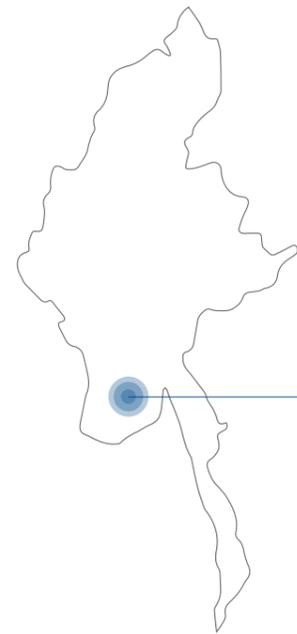
Marina Bay Sands Hotel, covering a gross floor area of 302,171 m<sup>2</sup>, takes the form of three towers, each more than 200 meters high, holding up a boat-shaped sky park with a unique design that captures the eye of the viewer. Each tower has three basement stories and 55 stories above ground, with towering grand atriums and various convenience facilities.

The sky park, in the shape of a sailboat, is the flower of Marina Bay Sands. At around 343 m in length, 20 m longer than when the Eiffel Tower would lay on its side, the sky park incorporates a 70 m cantilever beam (a beam where only one end is fixed and the other end hangs free) mid-section which appears to float in the air with no support from underneath. The infinity pool, hanging 206 m above the ground, is a true masterpiece. One end of the pool forms an artificial horizon which the grand cityscape of Singapore creates a dazzling and captivating sight. The Marina Bay Sands hotel is often named among the most demanding projects in the history of construction, and HanmiGlobal is proud to have been part of the client's project management organization.



Singapore

Location : Singapore  
 Client : Las Vegas Sands Corp.  
 Site Area : 581,400 m<sup>2</sup>



# Myanmar Lotte Hotel Yangon

Myanmar

Location : Yangon, Myanmar  
 Client : Daewoo Amara Co., Ltd.  
 Site Area : 104,123 m<sup>2</sup>

Lotte Hotel Yangon is situated north of the Shwedagon Pagoda and west of Inya Lake, in the most popular recreational area for Yangon citizens. With guestrooms overlooking the lake, conference rooms for large-scale international events and seminars, a broad variety of restaurants, and fast access to the nearby industrial park and international airport, Lotte Hotel Yangon is among the best hotels in Myanmar for business and relaxation.

In early 2013 when the project was first envisioned, Myanmar was just emerging from decades of military dictatorship during which the private construction sector had completely collapsed. As there was no data available as a basis for construction costs to be assessed, HanmiGlobal's contract was based on similar projects in Korea. The project called for a 29-story tower to be constructed on the banks of Lake Inya, involving a multi-stage process of acquiring the necessary building permits that made project execution both costly and time-consuming. To fulfill the completion deadline, HanmiGlobal fast-tracked the project, performing engineering and building concurrently. The project was completed successfully and on time in 2017. Involved in all stages of the Lotte Hotel Yangon project, from project planning to completion, HanmiGlobal saw the project through to its completion even amidst the political instability and challenging geopolitical circumstances of Myanmar.

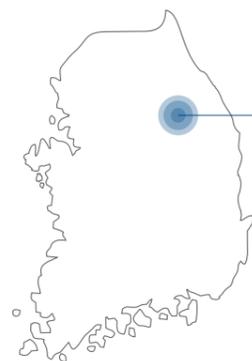




Project

10

# Pyeongchang Alpensia Resort



**Pyeongchang,  
Gangwon-do**

Location : Daegwallyeong-  
myeon, Pyeongchang-gun,  
Gangwon-do

Client : Gangwon-do  
Development Corporation

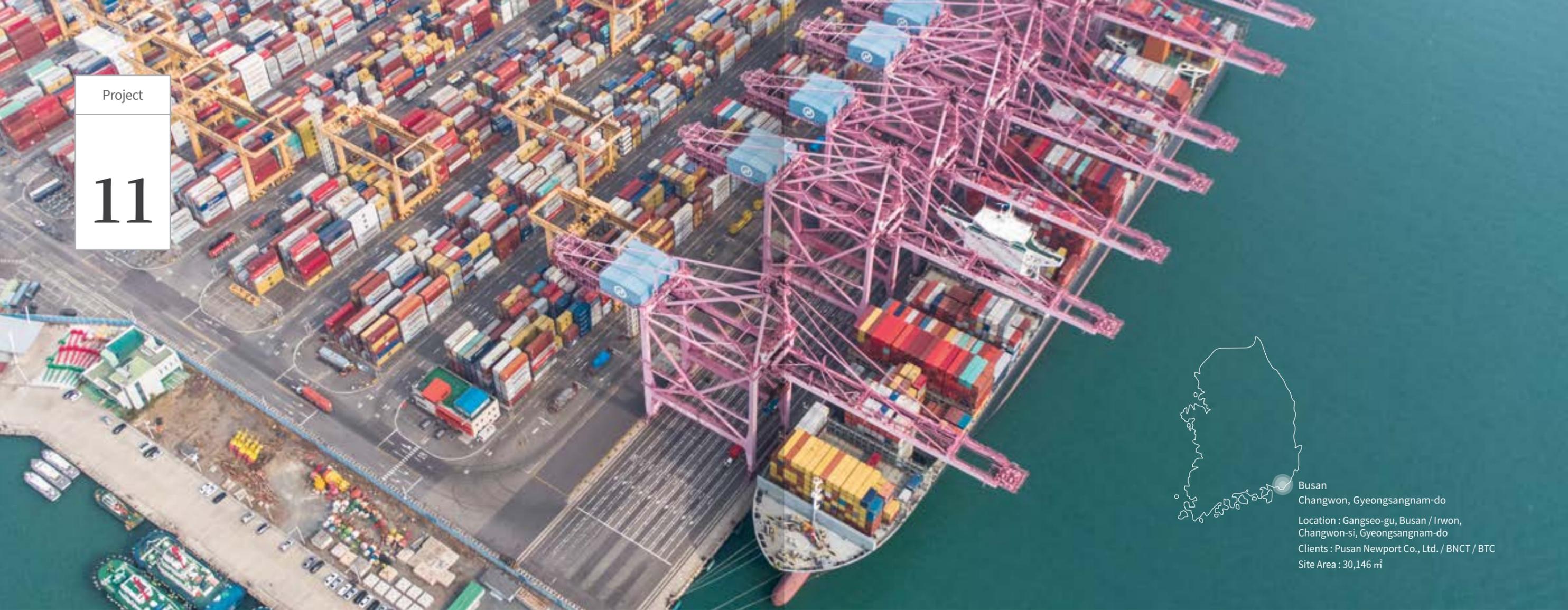
Site Area : 4,855,224 m<sup>2</sup>

Alpensia is a large-scale mixed-purpose resort developed for the 2018 PyeongChang Winter Olympic Games. The complex consists of Alpensia Sports Park, the global standard venue that hosted the 2018 Winter Games; Alpensia Town, a first-of-its-kind resort in Korea featuring a five-star hotel and condominium complex; and the Alpensia Troon Golf & Country Club. The club and its 268 luxury bungalows cover an area of around 1.65 million m<sup>2</sup>. HanmiGlobal's involvement in the project began in 2005 when development plans for the complex were being drafted.

Similar cases from Korea and abroad were analyzed to produce a development concept for high-class resort construction and management. HanmiGlobal managed all three project zones and a vast number of project participants, forging a robust partnership with the intent of achieving common objectives. Also, with Korea's unsuccessful bid to host the 2014 Winter Games, the Alpensia project timeline was pushed back, but HanmiGlobal effectively managed the various risks at hand and contributed substantially to Korea being selected as the host of the 2018 PyeongChang Winter Olympic Games.

Project

11



Busan  
Changwon, Gyeongsangnam-do  
Location : Gangseo-gu, Busan / Irwon,  
Changwon-si, Gyeongsangnam-do  
Clients : Pusan Newport Co., Ltd. / BNCT / BTC  
Site Area : 30,146 m<sup>2</sup>

## Busan Newport Container Terminal

The Busan Newport project set out to draw on private capital to augment Busan's port facilities, boosting national competitiveness and developing a Northeast Asian hub port. The project was Korea's largest ever national SOC project, funded by the Samsung Group, DP World, the Hanjin Group, and Hyundai E&C. Construction began in 2000, with three new berths opened in 2006. By 2011, the Busan Newport Container Terminal became the first single terminal in Korea to be capable of handling 3 million TEU annually.

In Phase 1 of the project, HanmiGlobal was in charge of design review, VE reporting, technical review, PM, LTA, and due diligence affairs in support of the client's construction organization. Through Phases 2 and 3, HanmiGlobal was in charge of Lenders' Technical Advisor (LTA) service from the

client (BNCT). HanmiGlobal was awarded the LTA service contract for Phases 2-4 by BTC in 2015, and we will be providing our services through 2022. Through the project, HanmiGlobal has accumulated technology in civil works for port development and experience in project management for private-public partnership projects. The technology and know-how obtained from this project have made it possible for the company to win contracts for dry dock construction in Oman and a shipyard project for Malaysia Marine and Heavy Engineering (MMHE).



Project

12



Peru  
Location : Chinchero district, Cusco Region, Southeastern Peru  
Client : Peru's Ministry of Transport and Communications  
GFA : 188,000 m<sup>2</sup>

The Chinchero Airport will serve as a new gateway to the famed Machu Picchu Inca ruins. Through the project, HanmiGlobal has demonstrated its know-how and technical prowess to the world, establishing a firm foothold for the future development of the Central and South American markets.

# Chinchero International Airport

The Chinchero International Airport project in Peru is a five-year, USD 550 million (USD 30 million PMO) contract, under which HanmiGlobal is tasked with contract management and builder selection, project process management and quality control, design review, and commissioning on behalf of the Peruvian government. The project is also Korea's first ever airport infrastructure government to government (G2G) project, involving a joint public-private effort by the Korean government and a consortium of four Korean firms including HanmiGlobal.

The project represents HanmiGlobal's first foray into the airport construction PMO market, an area dominated by the advanced economies of the world. In recognition of a wealth of previous experience in Program Management Office (PMO) and Project Management Consultant (PMC) roles for various overseas construction and infrastructure projects including the AI Wedyan new city development project, HanmiGlobal was awarded a 22% share of the project management contract for the Chinchero International Airport and tasked with contracting management, schedule management, and cost management.



Project

13



# Goseong Hai Thermal Power Plant



Goseong,  
Gyeongsangnam-do  
Location : Hai-myeon,  
Goseong-gun,  
Gyeongsangnam-do  
Client : Goseong Green Power  
GFA : 181,414.87 m<sup>2</sup>

The Goseong Hai Thermal Power Plant development project was included in the 6th Basic Plan on Electricity Demand and Supply issued in 2013, and aims to augment and stabilize the national electrical power supply. The project is the first privately funded power plant project in Korea, valued at approximately KRW 5.2 trillion. The massive thermal power plant, generating approximately 2 GW/hr, will account for 1.6% of Korea's total electrical power generation.

The power plant is located in Hai-myeon of Goseong-gun, Gyeongsangnam-do, with 119 buildings built on a site of 910,800 m<sup>2</sup> and a gross land area of 181,500 m<sup>2</sup> and 49 structures on a building area of 25,800 m<sup>2</sup>.

The facility consists of 2,080 MW of coal-fired generators (1,040 MW x 2 units), 5.0 MW of small hydropower generators (2.5 MW x 2 units), 1.6 MW of photovoltaic power facilities, and auxiliary facilities (cooling water intake and discharge equipment, industrial water supply and storage facilities, coal storage sheds, coal handling equipment, environmental facilities, etc.).

As consortium leader, HanmiGlobal was awarded a contract to manage the construction project on behalf of the client. Based on project management know-how accumulated from power plant projects in Korea and abroad, HanmiGlobal rendered services in quality management, schedule management, and safety management.



## Yeongam Photovoltaic Power Plant

The Yeongam Photovoltaic Power Plant is located on Hwalseongsan Mountain in Yeongam-gun, Jeollanam-do. The facility generates electricity from sunlight, an essentially limitless and pollution-free energy source. The photovoltaic power plant was constructed on the site of a former ranch within an existing wind farm, contributing to the government's policies for carbon neutrality to mitigate climate change. The combined new and renewable energy complex was designed to become a local tourism attraction in harmony with nature.

The sprawling site covers around 296 ha, a space almost as large as Yeoui-do. With 92 MW power generating capacity from over 246,000 PV modules, the Yeongam Photovoltaic Power Plant generates 120 GWh of electricity per year. This is enough to power about 28,000 households in Yeongam-gun for the entire year. Alongside the power generation facilities, an energy storage system (ESS) has been installed. This overcomes the limitation of conventional solar power, which can only generate electricity during daylight hours, and allows for the electrical

energy produced to be used and managed more effectively.

HanmiGlobal took charge of project management for this undertaking over a period of 15 months, during which we conducted engineering, licenses and permits, and HSE management, as well as cost management, process management, and quality control. A proactive process management system was implemented for the project, involving daily process analysis and verification and identifying beforehand any potential interference between different tasks. This allowed us to reduce the projected 19-month construction period by six months, maximizing profits for the client through early initiation of commercial operation. Despite the fact that the Yeongnam site was situated on steep and rugged terrain which made every aspect of construction difficult, HanmiGlobal went forward to implement seamless technical review and quality controls in a demonstration of outstanding technical prowess and project management capacity.



### Yeongam Jeollanam-do

Location : Geumjeong-myeon, Yeongam-gun, Jeollanam-do

Client : Yeongam Solar Power

GFA : 2,960,303 m<sup>2</sup>  
(Solar panel coverage : 1,124,456 m<sup>2</sup>)

Capacity : 92.4 MW



Uljin,  
Gyeongsangbuk-do  
Location : Giseong-myeon, Uljin-gun,  
Gyeongsangbuk-do  
Client : Uljin Wind Power Co., Ltd.  
Site Area : 175,998 m<sup>2</sup> (Power-generating  
facilities: 49,240 m<sup>2</sup>)  
Capacity : 53.4 MW

## Hyunjong Wind Power Plant

The Hyunjong Wind Power Plant is located in Giseong-myeon of Maehwa-myeon, Uljin-gun. A wildfire had wiped out 30 ha of forest in the area in 2007, and SK D&D signed an MOU on investment for development of a wind farm in the Uljin region in May 2012, obtaining business rights to the area. Work began in February 2017 with project funding of KRW 172.9 billion. 14 Siemens wind turbines of 3.6 MW grade and one 3.0 of MW grade were installed, and the 53.4 MW wind farm was completed in June 2019.

HanmiGlobal had successfully partnered with SK D&D in its first wind power project, a 30 MW wind farm in Gashiri of Jeju Island, a partnership that formed the basis for HanmiGlobal's participation in the Hyunjong Wind Power Plant project. Drawing on our abundant power generation project management know-how, HanmiGlobal took charge of quality management, schedule management, and safety management affairs for the Hyunjong project. Building on our extensive land-based wind power portfolio and expertise, we are now expanding into offshore wind power.



# Business Portfolio



PRECON



Development  
Business



Infrastructure



Project  
Management (PM)



Redevelopment  
and  
Reconstruction



EPC and IPP



Program  
Management



Remodeling



Individualized  
Technical Services



CM for Fee and  
CM At-Risk



Environmental  
Business and  
Energy Consulting  
& Engineering



Global Business



Energy

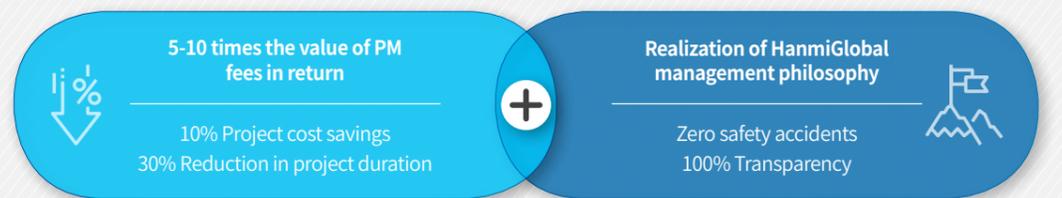
# PRECON

## PRECON: What is it?

PRECON refers to pre-construction. Before a construction project is begun, simulations are performed in the pre-construction phase to predict potential control factors. PRECON is a “preview build” of the project that allows for risk to be minimized, and ensures that project objectives and goals are achieved.

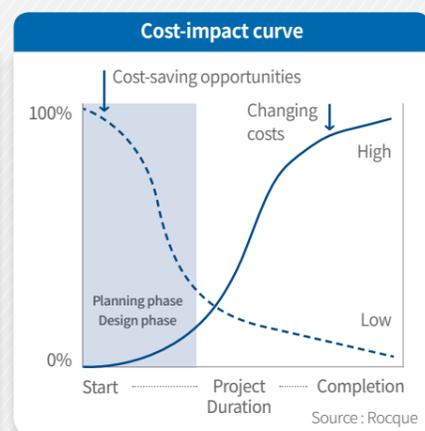
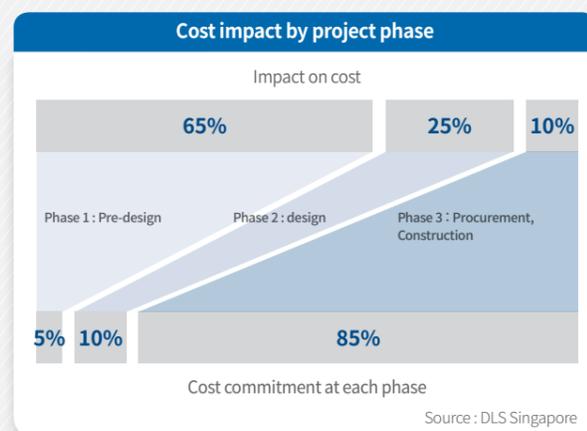
- 1 “HanmiGlobal PRECON” is a HanmiGlobal service with the purpose of realizing customer value.
- 2 HanmiGlobal PRECON is a process of “pre-planning” and “pre-building” according to customer requirements prior to the execution of a construction project.

### | Goals of PRECON



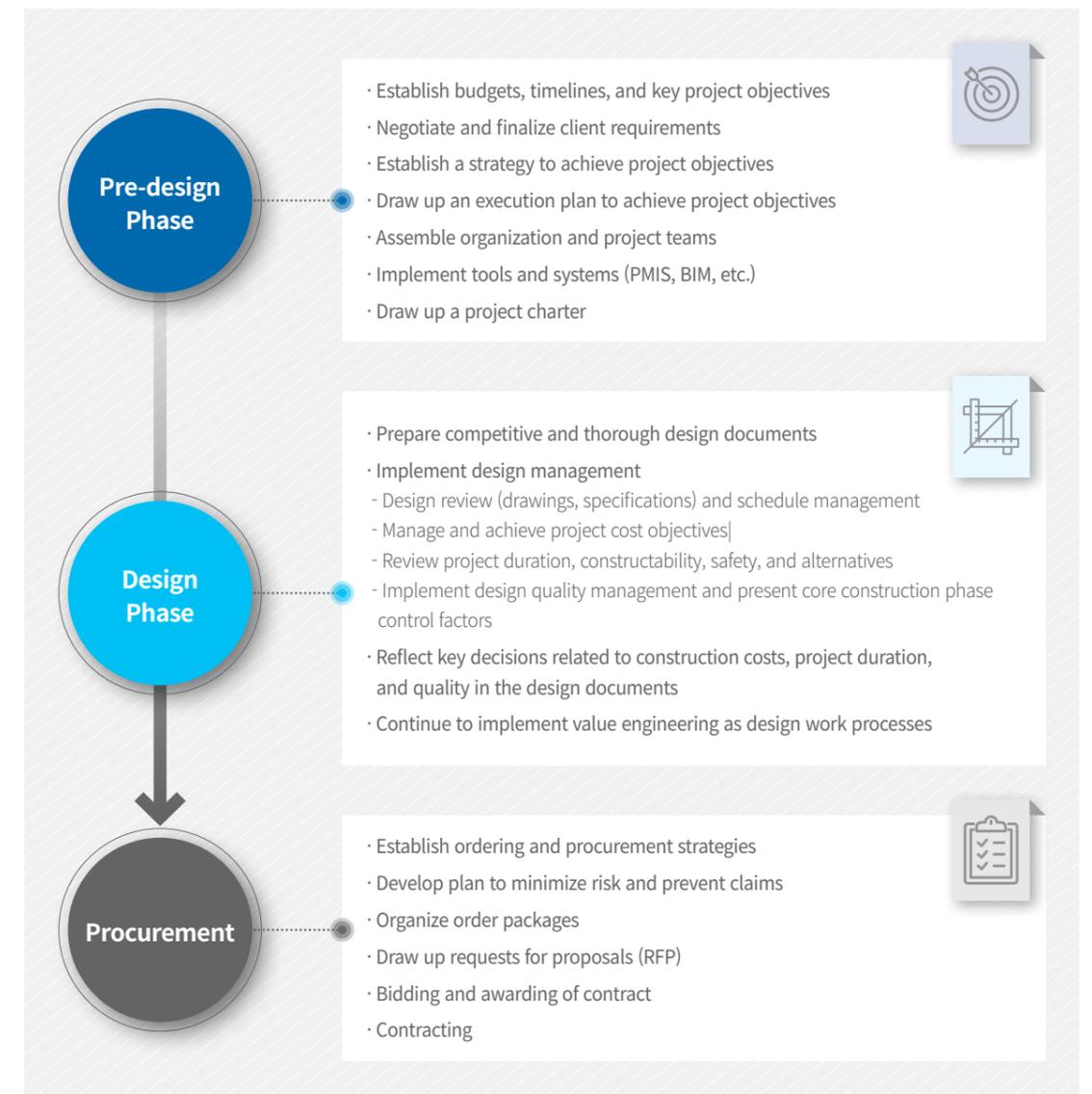
## PRECON: Why is it important?

Among five phases of construction project life-cycle, the pre-design, design, and procurement phases are defined as the pre-construction phase. Over 90% of total construction costs are determined in the pre-construction phase, and this phase is where the quality of the project is actually determined. The value and construction cost of a building depend on how and by whom this phase is conducted.



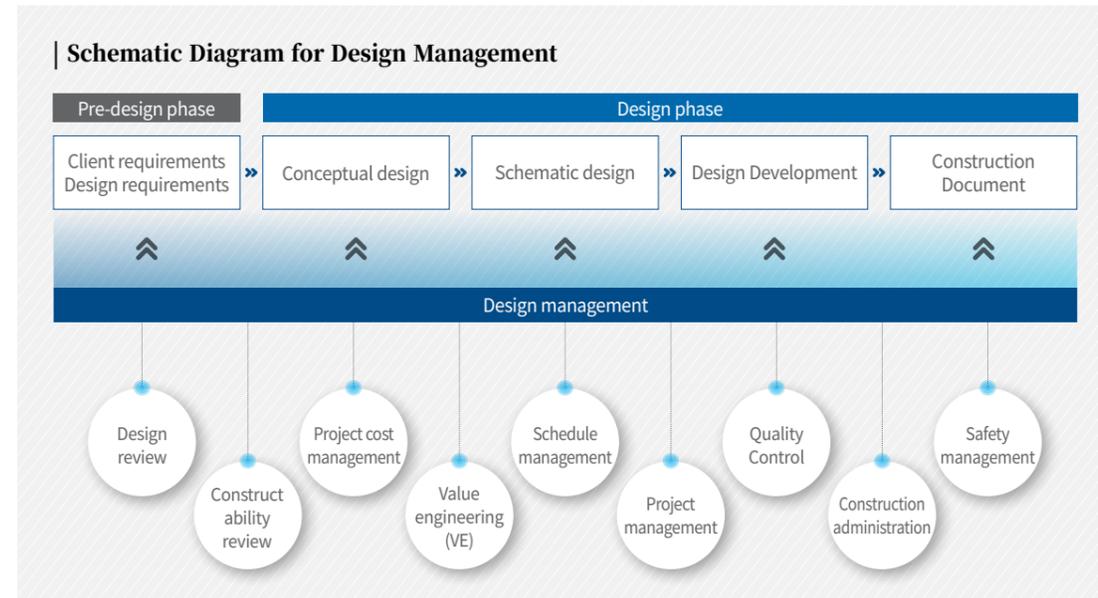
## Exactly how is PRECON conducted?

Pre-construction involves activities in preparation for execution and building in a construction project. In particular, the project objectives established in the pre-design phase relating to costs, timelines, and quality matters are verified and simulated through the design and procurement phases. This ensures that the project is completed according to the original objectives. Pre-construction is about thinking from the customer’s perspective and maximizing customer benefits. By performing a “preview build” of the entire project, pre-construction addresses many of the major concerns of the customer in a construction project: lack of transparency in information, project delays, frequent design changes, additional costs, accidents, etc.



### What are the core PRECON activities in the design phase?

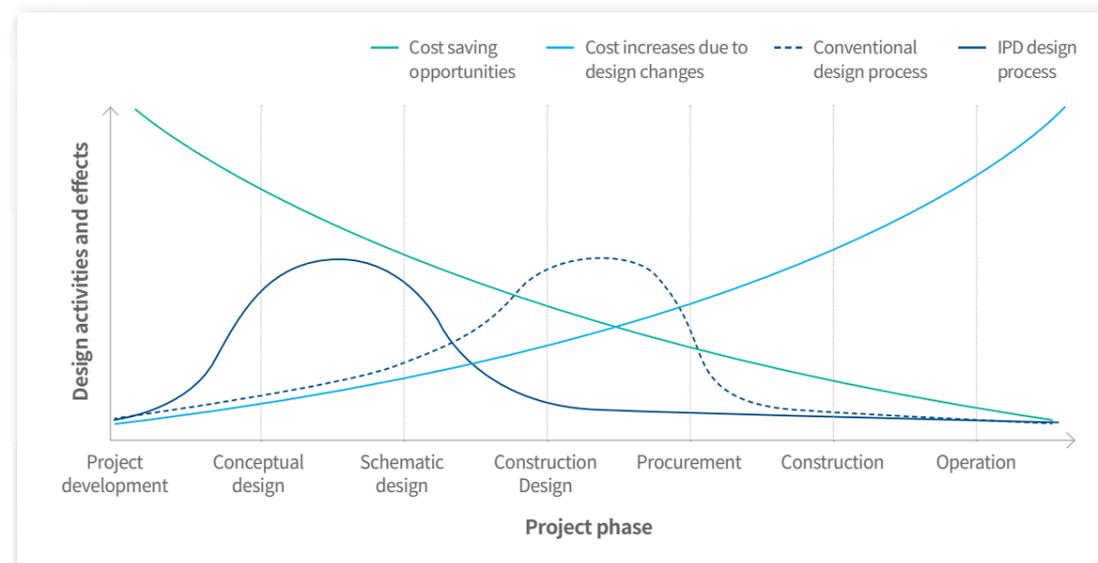
While many factors can cause project failure, most problems arise in the design phase. Either important aspects of the design are implemented improperly, or errors occur in their execution. Design Management refers to the activities performed to produce a competitive, thorough, high-quality design.



### What are the effects and benefits of IPD projects?

The Integrated Project Delivery (IPD) method is an advanced construction contracting method developed in the United States. The client, engineer, builder, and consultant form a single team to integrate construction project processes, and all responsibilities and outcomes are shared among all of the participants.

The method allows for construction companies to be involved in early project decision-making, shortening the design flow compared to conventional methods. Engineering companies can achieve substantial design quality enhancements and prevent redundant drawing work, and the builders, able to review designs from the early project stages, can drastically reduce project risks.



### What is the goal of HanmiGlobal PRECON?

HanmiGlobal PRECON aims to create specific outcomes to ensure the success of the customer's business and project, securing maximum benefits for the customer.

**| (Example) Objectives and Key Performance Indicators (KPI) are established depending on individual project characteristics and conditions.**

- Project cost savings** KPI: Project cost savings relative to project budget
  - Target 10%**
  - Means of accomplishment**
    - Apply Integrated Project Delivery (IPD) method
    - Apply Target Value Design (TVD) method
    - Apply nominated subcontractor (NSC) and nominated supplies (NS) contracting methods
- Reduced project duration** KPI : Reduced project duration relative to similar cases
  - Target 30%**
  - Means of accomplishment**
    - Apply Integrated Project Delivery (IPD) method
    - Apply fast-tracking techniques
    - Apply off-site construction techniques
    - Pull Planning process management
- Improved quality level** KPI: Reduced defect occurrence rate
  - Target 20%**
  - Means of accomplishment**
    - Apply suitable methods/details and select suitable materials
    - Increase time availability through pull planning process management
    - Create and utilize DB to analyze causes of defects
- Accident prevention** KPI: Accident rate
  - Target 0%**
  - Means of accomplishment**
    - Design phase - Perform Design for Safety (DfS) Review
    - Contracting phase - Specify detailed safety management criteria in request for proposals (RFP)
    - Construction phase - Conduct daily activity briefings on high-risk activities (HRA)
- Securing transparency** KPI: Disclosure of all procedures and processes
  - Target 100%**
  - Means of accomplishment**
    - Preliminary reporting and approval of project implementation plans
    - Establish approval procedure and share all documents
    - Apply Open Book contracting methods

# Project Management(PM)

**We pursue success in all projects through advanced project management capabilities.**

HanmiGlobal is on a mission to create value in the construction industry to contribute to the progress of human society. To provide our clients with the utmost value, we became the first Korean company in 1996 to adopt advanced construction PM practices. Through endless innovation and enterprising spirit, we have stood at the vanguard of progress in the construction industry. Uniting cutting-edge technologies and construction techniques with systematic project management practices, we have achieved outstanding outcomes in all aspects of construction—project duration, costs, construction quality, and safety—to contribute to the success of customer projects.

Construction project management (PM) is a construction service where experts in each field act as agents for the client, administering integrated management of all project processes from planning to design, procurement, building, and maintenance. Through PM, buildings of the highest possible quality are achieved within the given budget and time constraints. For various complex legal procedures, the assistance of legal council is essential. Likewise, a construction PM serves as agent or coordinator for complex construction projects, arbitrating the interests of project participants and facilitating communication. All project participants are aligned toward the common goal of project success.



- 01 Seoul World Cup Stadium
- 02 NAVER Green Factory
- 03 Starfield Hanam
- 04 National Institute of Ecology

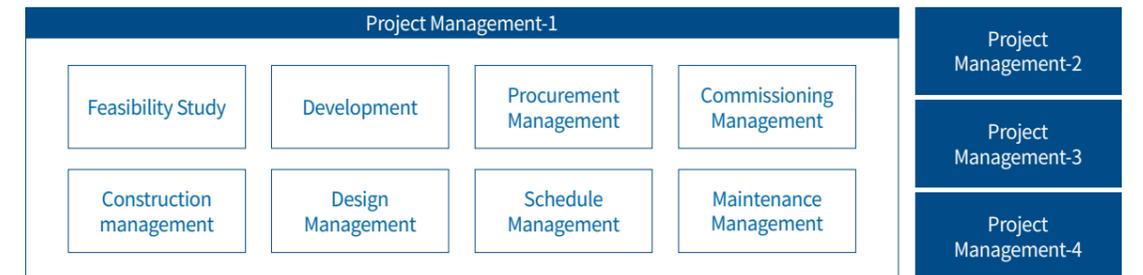


# Program Management

**Prioritization and coordination of multiple projects through integrated management. Enhancement of project quality by managing shared resources and minimizing costs and risks.**

Generally the workflow can be described as the following : Program Management > Project Management > Construction Management > Construction Supervision

## Program Management



- 01 Neom the Line Project ePMO Services, Saudi Arabia
  - 02 Al Wedyan PMO Services, Saudi Arabia
  - 03 Al Akaria PMO Services, Saudi Arabia
- \* PMO : Program Management Office  
\* ePMO : executive Portfolio Management Office



# CM for Fee and CM At-Risk

**We achieve higher satisfaction by innovating the distribution structure of the construction industry.**

HanmiGlobal has always advocated a construction business paradigm shift through enhanced customer value, differentiated and competitive PM/CM services, and innovation of the construction industry distribution structure. In the Korean construction industry, design and construction are performed by separate entities. The Korean construction industry also has a complex distribution structure, involving subcontractors and secondary subcontractors. These are both causes of increased costs and duration in construction projects, and such practices often fall short of meeting various customer requirements and addressing project characteristics, while post-contracting disputes with the contractor occur incessantly.

In the United States and Europe, where PM/CM practices are commonplace, the PM/CM acts as an agent for the client throughout the project's lifecycle, from budgeting to design management through construction. Under CM for Fee and CM At-Risk contracting methods that have been verified in practice in advanced countries, the contractor and PM/CM provider act on behalf of the client and are held accountable for the results. This enables optimal designs to be produced while achieving reduction in both project costs and project duration. The implementation of CM for Fee and CM At-Risk contracting methods for successful completion of construction projects is long overdue in the Korean construction industry.



- 01 Incheon City Electric Factory
- 02 South Cape Owners Golf Club
- 03 Gallery White Block, Heyri
- 04 Homeplus Nonsan



# Global Business

**HanmiGlobal is a company of global standards, proudly flying the flag of Korean construction in the global market.**

In 1996, HanmiGlobal was established as Korea's first ever PM/CM expert company through a joint venture with global PM leader Parsons. Through a technical alliance with Parsons, we provide services with unrivaled technical prowess and know-how. Since the early 2000s, we have established branches and regional offices abroad, including PRC, Saudi Arabia, Vietnam, India, Indonesia, Japan, the Philippines, and Libya. These serve as forward operating bases for the global expansion of our business.

For management of our global operations, we have established Turner & Townsend Korea as a joint venture with UK quantity surveyor and cost management company Turner & Townsend, and established a partnership with Al Akaria (Saudi Arabia's largest real estate development company and subsidiary of the country's sovereign wealth fund) to expand our presence in the Middle East. Our global network and capacity continue to expand with our acquisition of Otak, a US company specializing in architecture, urban development, and social overhead capital, as well as k2 (UK), DAY CPM, and Loris (US).

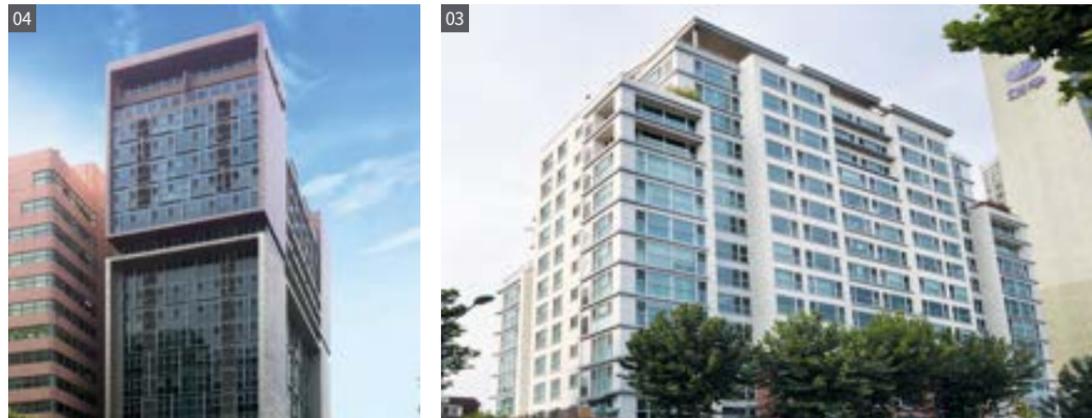
As a result of our global efforts, we have cemented our reputation as a global corporation in 60 countries, and were ranked 9th among non-US global CM/PM companies by the prestigious US magazine Engineering News-Record in 2019.



- 01 Singapore Marina Bay Sands
- 02 Manila Bay Resort, Philippines
- 03 SK Tower, Shanghai, China
- 04 ITCC, Saudi Arabia



# Development Business



01 Bangbae Maestro  
 02 Euljiro Business Hotel  
 03 Songpa Hanjin Rosehill Lake  
 04 Seoul National University Station Maestro

## We maximize development profits through professional feasibility analysis, design, and project cost management services.

HanmiGlobal's development business is based on our philosophy of "changing the paradigm of small- and medium-scale construction." Departing from conventional practices, we have adopted self-development, joint landowner development, and consortium development methods. By thoroughly analyzing and addressing customer needs and trends, we are establishing our originality as a developer.

HanmiGlobal development project services cover the entire development project life cycle. As agent for the landowner or client, we perform project feasibility analysis and propose optimized project directions in the planning phase, seeing the project through to the marketing, financing, design, allotment sale, and construction phases. Clients stand to maximize benefits from a variety of projects, including apartments, mixed residential-commercial buildings, youth housing developments, senior homes, and mixed development projects. Under HanmiGlobal PM, a team of experts manage all aspects of the project, reducing project costs, shortening project duration, and enhancing quality for the client. Administered methodically and systematically by our experts, the HanmiGlobal PM system minimizes project risk while ensuring project success.

# Redevelopment and Reconstruction

## PM practices are also applied to redevelopment and reconstruction projects, enhancing project transparency and maximizing property value for project union members and tenants.

HanmiGlobal is also at the forefront of a new trend in the redevelopment and reconstruction market. As agent for project union members and tenants, the HanmiGlobal PM manages the project from start to finish. This includes project planning, feasibility analysis, business analysis, design review, contractor selection, cost saving through value engineering, quality and schedule management, construction method review, constructability review, etc.

Under HanmiGlobal PM, the interests of the project union and tenants take center stage, which is a change from the practice of redevelopment and reconstruction projects revolving around the builder. By coordinating, integrating, and arbitrating project participant interests, we minimize confusion and disputes in the project implementation process. HanmiGlobal advocates the interests of project union members and tenants who lack technical expertise, protecting and enhancing asset value for proprietors and tenants alike.

01 Bangbae District 5 housing reconstruction and regeneration project  
 02 Yongsan District 4 urban regeneration project near Yongsan International Building  
 03 Yongsan District 5 urban regeneration project near Yongsan International Building  
 04 Busan Goejeong District 5 housing redevelopment project

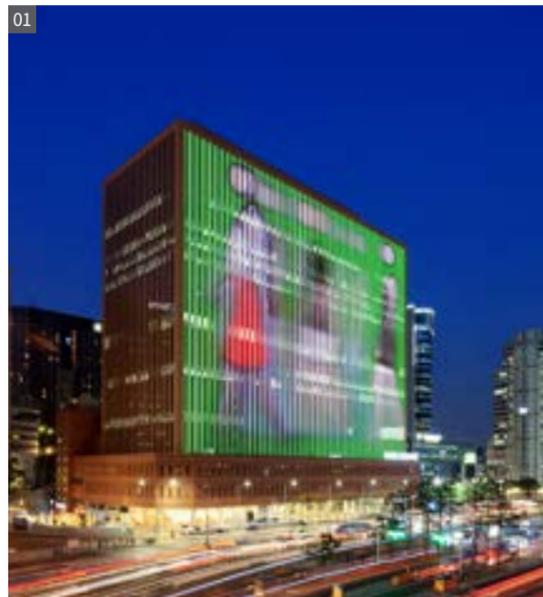


# Remodeling

**Remodeling projects are more complex and difficult than new developments, and also require systematic management of PM.**

Remodeling projects require systematic planning and management by experts, as they involve coordinating a broad range of construction and work plans. When working on buildings occupied by residents or tenants, securing safety is paramount. Any noise, vibrations, dust, or foul odors caused by construction work must also be strictly controlled.

Remodeling projects often take place within limited spaces, limiting the operation of machinery and equipment. Paths of movement for workers and the methods of moving construction materials are restricted, thus requiring seamless schedule management planning. Thorough structural analysis is also required prior to demolishing or reinforcing existing structures to prevent collapse. The HanmiGlobal PM system incorporates building life cycle cost and value engineering techniques into management of difficult and complex remodeling projects in order to greatly enhance customer asset value.



01 Seoul Square remodeling project  
 02 Kyobo Building remodeling project  
 03 Gyeongju Lahan Hotel remodeling project  
 04 Shinyoung Securities building remodeling project

# Environmental Business and Energy Consulting & Engineering



01 Naver Data Center GAK Chuncheon  
 02 Centerfield Yeoksam (formerly Renaissance Seoul)  
 03 NHN building, Pangyo  
 04 LG Sciencepark

**To battle climate change and the energy crisis, we provide optimized services for energy savings and minimization of maintenance costs backed by our professional engineering competencies.**

HanmiGlobal provides environmental and energy consulting & engineering services in the planning, design, construction, and operation phases of construction projects. Drawing on our green building energy simulation and optimization technologies, we provide LEED\* certification consulting, eco-friendly building certification consulting, energy-optimized building design, and eco-friendly and energy-efficient building remodeling design services. In particular, we boast an unrivaled portfolio and expertise in energy consulting for building energy management system implementation, which is crucial for LEED certification and zero-energy buildings.

We also offer construction PM services specialized for zero-energy and energy-efficient buildings that conform to ESG\* management practices. An energy saving road map is established in the project planning phase and presented alongside design directions, technical review, and design guides. The building process is managed so that the eco-friendly planning and design intentions are properly realized.

\* Leadership in Energy and Environmental Design (LEED): A certification system for environmentally friendly buildings  
 \* Environment, Social and Governance (ESG): Environment, society, and government are non-financial aspects of enterprise; ESG evaluates how much an enterprise contributes to customers, shareholders, and employees, how environmentally responsible the enterprise is, and how transparent the corporate governance structure is.

# Energy

**We partake in environmentally and socially responsible, sustainable projects with the purpose of realizing a carbon-neutral society.**

HanmiGlobal participates in a range of projects for the transition to a low-carbon society. By taking part in green transition projects for urban spaces and living infrastructure, low-carbon and distributed energy projects, and ecosystem-building projects for innovation in green industries, we are in alignment with the Korean government's long-term low-carbon development goals, such as the 2030 National Greenhouse Gas Reduction Target and the 2050 Net Neutrality Goal.

HanmiGlobal provides project development and consulting services to Renewable Energy 100 (RE100) member enterprises. RE100 is an initiative where member businesses commit to 100% renewable electricity to combat climate change and environmental issues, and counts 280 of the world's most influential global corporations among its members. HanmiGlobal draws on core competencies and professional knowledge in the transition from conventional fossil fuel-based industry to low-carbon new and renewable energy,

improved energy efficiency systems, and hydrogen energy with its clean energy project. Our services help to meld cooperation across various sectors while furthering the interests of all involved parties, maximizing customer value all the way. Systematic and professional services throughout all stages of green energy facility implementation provide customers with unrivaled quality and value.

Based on experience participating in power generation and energy projects, environmental plant projects, and large-scale new and renewable projects spanning solar, terrestrial, and offshore wind power, our professional engineering, appropriate sustainable technology, and comprehensive project management services help to realize optimized facility implementation from planning and design through construction and operations. With an organization comprised of professional engineers with industry-leading expertise across a range of fields, we ensure outstanding project outcomes.



01 Yeongyang Wind Farm Project (Yanggu)  
 02 Jeju Hallim Offshore Wind Power Project  
 03 Chile solar power project  
 04 Tojo solar power project, Japan

# Infrastructure

HanmiGlobal provides technology consulting services across all construction areas, from ports and airports to bridges, industrial parks, and new urban developments. Our services span all project phases, from project planning to FS, design review, procurement, construction, and maintenance phases. Infrastructure projects are costly and take a long time from planning to completion, and require close cooperation among various stakeholders (government agencies, developers, investors, etc.) throughout the development life cycle. At the same time, infrastructure projects must be in compliance with the public interest and policies while also being safe and economic.

Various issues may arise in infrastructure projects, anywhere from pro-construction to construction and commissioning. Drawing on know-how accumulated through abundant project experience, we provide optimized, expert problem-solving solutions to customers at all project stages.

Recently in 2019, HanmiGlobal became the PMO contractor (G2G contract between the Korean and Peruvian governments) for the Chinchero Airport Project in Peru. For the first time in an overseas project, we became the first Korean company to be tasked with providing advanced whole project PM services, from design review and procurement to contract management and schedule management.



01 Chinchero International Airport in Peru  
 02 Shipyard in Oman  
 03 Incheon Port International Passenger Terminal  
 04 MMHE Yard Optimization in Malaysia



# EPC and IPP



- 01 Photovoltaic Power Project Hanmi Inje No. 1
- 02 SS Energy Waste Recycling Project in Wonju
- Engineering, Procurement and Construction (EPC) : A type of project where engineering, procurement, and construction services are provided on a one-stop basis
- Independent Power Plant (IPP) : Privately funded power generation project
- ic-Private Partnership (PPP): Joint project between public and private sectors

## Building on our expertise in the energy and environmental sectors, we are engaged in EPC and IPP projects for solar power, wind power, and waste-to-energy (WtE).

Already involved as a major global power in construction PM, HanmiGlobal continues to expand and diversify its portfolio to include pro-construction and EPC in energy, infrastructure, environmental and industrial plants, and environmentally friendly projects. With abundant construction project management experience, a highly advanced technical workforce, and plentiful know-how, we are a world-class total solutions provider in energy and infrastructure as well, furnishing optimized services to renowned customers in all corners of the world.

Our EPC experience accumulated in the new & renewable energy and waste to energy fields is helping us to expand our business into airports, ports, and other urban and public infrastructure. Investing aggressively in IPP projects, environmental plants, and airport projects, and entering the overseas plant O&M services market, we intend to expand further into energy and infrastructure projects while maintaining a competitive edge that is fitting for a global top player in construction PM.

At HanmiGlobal we avoid lowest-bidder-wins tenders, instead focusing on sustainable future growth driving project models such as IPP, a high added value business model calling for high EPC and financing capacity, and PPP packages implemented jointly through partnerships between public corporations and private enterprises.

# Individualized Technical Services

Individualized services tailored to customer needs  
Our experts across various fields identify and furnish optimized services to meet customer needs.

 Feasibility studies	 Design review	 Cost management
 Schedule management	 Bidding management	 Claims management
 Value engineering	 Project due diligence and evaluation	 Technical Advice services



# Core Competencies



Engineering  
Capacities

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Research and  
Development

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Digital  
Transformation

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Knowledge  
Management

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Group and  
Clients Lists

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# Engineering Capacities

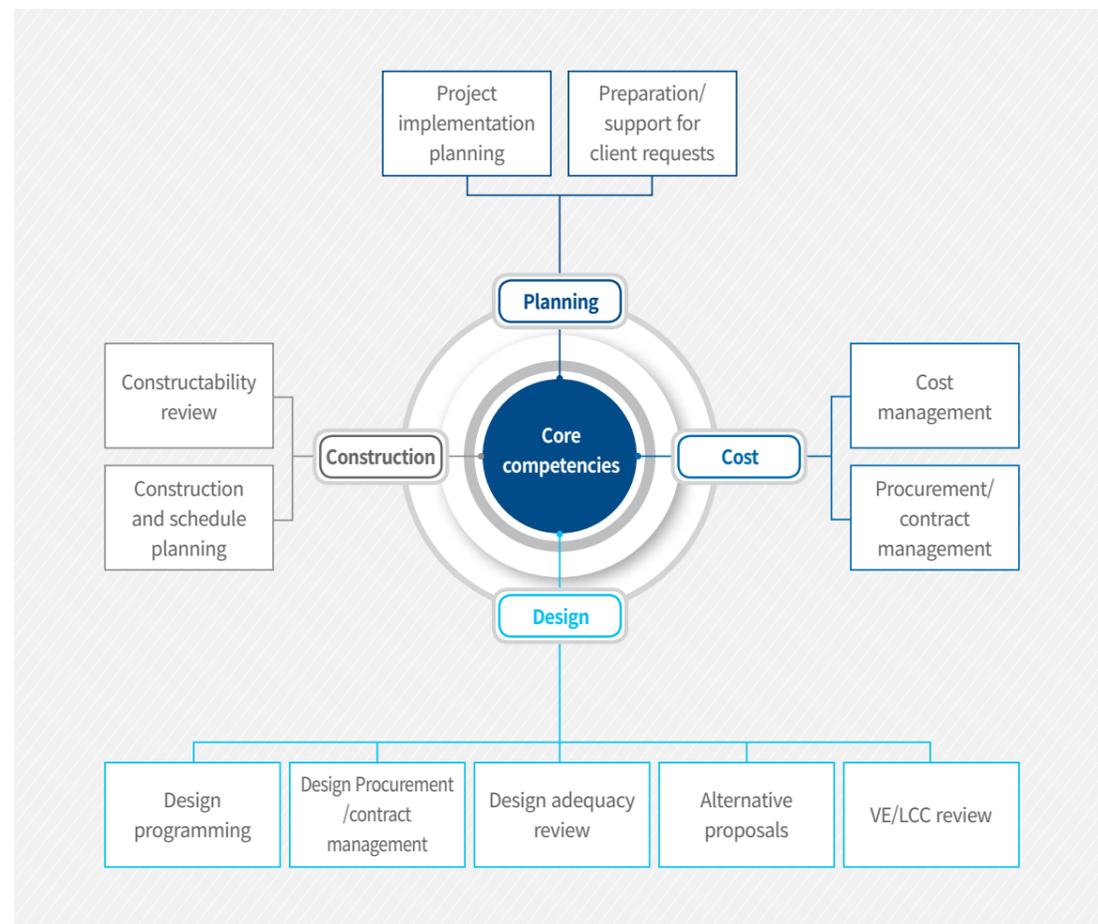
## Unparalleled Top-tier services provided by the world's top experts

The HanmiGlobal technical support organization is comprised of experts operating by global standards, providing comprehensive and professional technical services across all areas. The technical support organization works closely with professionals dispatched on site to ensure that HanmiGlobal technologies and competencies are applied in their ideal form in the field.

### Engineering Division Capabilities

The HanmiGlobal Engineering Center boasts outstanding capabilities in all construction service areas, from planning and design to cost management and construction, providing engineering services of unmatched quality through innovative processes.

We are consistently honing our capabilities to create maximum customer value and quality, thereby imparting trust in our customers.



## Engineering Division Work Process

The Engineering Center boasts innovative PRECON work processes and an industry-leading support system: An internal technology organization comprised of building, structure, civil engineering, machinery, fire prevention, electricity, communications, and production cost groups work alongside a technical advisory group of experts from academia and industry to provide engineering services in specialized fields.

**Operation of Design Management**  
(Clear target-setting, client request management, design management with target compliance)



**Differentiated services**  
(environmentally friendly and energy-related services, company-wide technical support services)

### PRECON initiation stage

#### 01. Identify and set project targets

- Set client requirements
- Set target cost
- Set target schedule
- Set target quality level

#### 02. Finalize and clarify project targets

- Prepare project implementation plan (centering on target realization)
- Kick-off meeting (with client)

### Design stage

#### 03. Operate design management

- ① Phased design management
- ② Target cost management
- ③ Value engineering
- ④ Target schedule management

#### 04. Provide differentiated services

- ① Safety design  
Safety review at each design stage
- ② Environmentally friendly / energy-related services  
Review of appropriateness and legal standards of environmentally friendly/energy-saving targets
- ③ Provide one-stop services  
Integrated management through collaboration between HQ technical support organization and subsidiaries

# Research and Development

## R&D in specialized core technologies and advanced construction PM techniques

The HanmiGlobal Construction Strategy Research Institute (CSRI) was founded in 2000 and performs R&D in core techniques and strategies for construction project management. The CSRI develops elementary technologies for the construction industry in general, spanning design, cost, process, quality, and safety in various construction fields including structure, civil planning, and building. The needs of internal and external customers are identified and research tasks are developed accordingly. The research performed at the CSRI may focus on enhancing core PM capacities from a practical perspective or on establishing strategies for new business development.

Specifically, the institute focuses mainly on acquiring and applying advanced technologies by benchmarking global construction leaders such as the US, UK, and Japan. The institute's R&D activities also aim to help improve Korean construction-related institutions. Since 2007, the institute has been working with academia to operate training programs for undergraduates or graduates in construction-related university departments in order to foster the next generation of leaders for the Korean construction industry. The CSRI also leads various joint Industry-Academy-Research R&D projects and publishes the output of these projects in the form of reports and pamphlets to facilitate a revival of the Korean construction industry.

The CSRI continues to recruit talent to develop core future technologies at the highest standards, new with recruits including master's and doctorate degree holders from prestigious universities in Korea and abroad, and certified engineers in each field. Through a broad network of partner research institutes, the CSRI conducts joint research with public R&D institutes and R&D centers at other firms.

The CSRI aspires to become the most influential R&D institution in construction PM, enhancing value in the construction industry and creating new values for customers.



## The Construction Strategy Research Institute (CSRI) Strategies



\* Off-Site Construction (OSC): A method of construction project execution where on-site techniques and technologies are moved off site. Construction is unified with ICT and manufacturing techniques to automate processes and innovate productivity.  
 \* PMC: Project Management Consultancy  
 \* PMO: Program Management Office

## R&D Projects

The Construction Strategy Research Institute implements various national R&D tasks, in-house research projects, commissioned research projects, and consultancy projects related to construction project management. Through its research, the institute develops core construction PM techniques and new business areas, contributing to the progress of the Korean construction industry.

Year	Performance Results
2001	Strategies for improving efficiency and productivity in the construction industry (UK)
	Benchmarking study on the US and UK construction industries
2002	Study on problems in Korea's construction industry
	Study on international competitiveness of the Korean construction industry in terms of project duration, construction costs, and productivity
2003	Benchmarking study on the Singaporean construction industry
	Benchmarking study on advanced construction education systems (US, UK, Japan, etc.)
2004	Benchmarking study on client innovation strategies
	Korean construction institutions and the global standard
	Benchmarking study on CM in the US construction industry
2005	Project partnership management
	Study on integration of Korean construction policies and organizations through benchmarking of advanced countries
	Study on innovation of Korean construction procurement systems through benchmarking of key countries
	Study on means of improving construction-related laws and institutions
2006	Study on the current state and progress strategies of the Chinese and Japanese construction industries
	Preparatory study for the 10th Anniversary Debate of the Sampoong Department Store Collapse
	Development of design collaboration and optimization techniques
2007	Study on means of advancement of the Korean construction industry
	Development of a system for assessment and management of appropriate costs for building tasks
2008	Study on development of a business model for increased participation in overseas new urban development projects
	Development of public buildings ordered by Jeju Special Self-Governing Province as green buildings
	Commissioned research on standardization of construction PM systems for overseas new urban development projects
2009	Development of a BIM-based construction PM work process
	Study on strategies for entry into the Central Asian CM market
	Development of a WTC technology base for ultra-high-rise mixed-use buildings and establishing growth strategy
2010	Study on spatial planning for QoLT and disabled talent development
	Case study and analysis for researcher-centric R&D management
	Sustainability in Construction in 2020
	Development of a model for construction project success according to client characteristics
2011	Development of construction PM procedure guidelines for divisions at the Ministry of Land, Transport and Maritime Affairs regional offices
	Commissioned study for development of work systems for the military facilities and installations organization of the Ministry of National Defense
2012	Research on establishing commercialization strategies at each phase of construction and transport R&D
	Development of an integrated open BIM solution for a global construction-IT industry ecosystem
2013	Commissioned study for improvement and computerization of military design document management and building approval
	Consultancy on compensation in kind for the Education Facility Disaster Association
2015	Establishment of a master plan for construction talent fosterage and advanced overseas design workforce
2016	Commissioned research for preparation of English project proposal for Seoul Smart City model
2019	Study on implementation of a global standard construction PM system
2020	Commissioned study on suitable contracting methods for OSC-based PC-structure housing projects
2021	Commissioned study on establishing an Off-Site Construction (OSC) strategy for construction production systems

**Professional Literature Publication Business**

Starting with a booklet entitled “Strengths of the American Construction Industry,” HanmiGlobal has published a series of professional literature on overseas case benchmarking, construction project management strategy, and client capacity-building for the advancement and innovation of the Korean construction industry.

Year Published	Title of Publication
2003	Strengths of the American Construction Industry
	Innovation Strategies and Success Stories of the British Construction Industry
	Dissection of the Korean Construction Industry
2005	What Makes American Design Competitive?
2006	From Korean Standard to Global Standard
	10 Years Since the Sampoong Accident: Lessons and Tasks Ahead
	Construction Management A to Z
	Construction Management Best Practices 1
2007	Owners Must Change If the Construction Industry Is to Have a Future
	Construction Management Past and Future
	Top-Notch Owners Make First-class Construction Industry
	Survival Strategies for the Japanese Construction Industry
2010	Current State of the Chinese Construction Industry and Strategies for Entry
	American Construction Management A to Z
2011	Construction Management Best Practices 2
	Construction Management A to Z (2nd Edition)
2012	Sustainable Buildings and Infrastructure: Paths to the Future
	Sustainable Architecture and Infrastructure
2013	CM@Risk: A New Approach to Construction for Smart Owners
	(Questions for 35 experts) The Way Forward for Construction
2014	Must-know Truths About the Turnkey System for Owners
2016	A Fresh Start for Construction
2017	CM, the Strategy for Project Success
2018	Sustainable Buildings and Infrastructure : Paths to the Future (2nd Edition)
2020	Ensuring Project Success through IPD Cooperation



# Digital Transformation



## Maximizing PM service value through use of digital technologies

HanmiGlobal is committed to realizing a true Digital Transformation. Digital tools are used to remove potential errors, omissions, and redundancies from all construction project stages to ensure optimal outcomes, from planning and design to procurement, construction, and maintenance.

Through the Digital Transformation, HanmiGlobal will be able to perform work more efficiently and provide differentiated services to customers. This means success in terms of project management as well as the success of the project itself.

The Digital Transformation Office is a group of digital experts whose job is to digitally transform our tools and the way we work, affect a fundamental shift in our digital mindsets, and bring about a transition to new areas of business. These changes will create new value in the construction industry, ensure customer success, and contribute to the growth of HanmiGlobal.

### Digital transformation for tools and the way we work



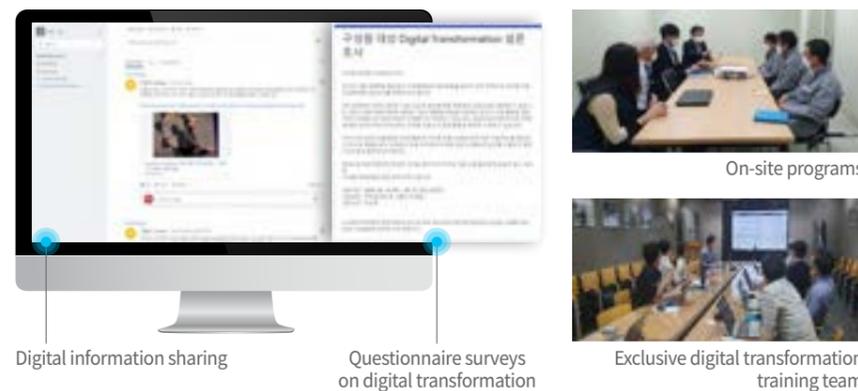
Cloud-based dashboard

Smartsheet PMIS

Design management using BIM

Real-time mobile safety management

### Digitally transforming the way we think



Digital information sharing

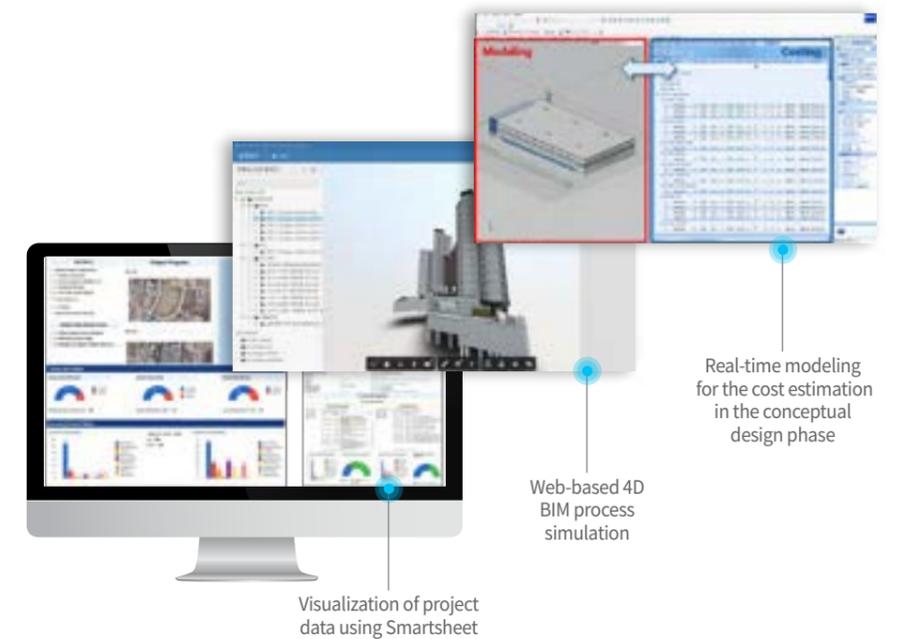
Questionnaire surveys on digital transformation

On-site programs

Exclusive digital transformation training team

## Services applying our digital transformation capabilities

The Digital Transformation Office at HanmiGlobal uses data-based digital technologies and systems to develop optimized tools to ensure that work is performed efficiently throughout all steps of the construction life cycle, and supports and manages the use of these tools. The office is particularly adept at identifying and resolving various user inconveniences and problems in construction projects. Competencies in construction PM data collection and analysis, customized software development, BIM, and AI technology utilization each help to set HanmiGlobal's construction PM services apart from the competition.



Visualization of project data using Smartsheet

Web-based 4D BIM process simulation

Real-time modeling for the cost estimation in the conceptual design phase



- 01 Construction quality control using drones
- 02 Design BIM model review using HoloLens
- 03 Disaster response simulation using metaverse technologies

# ezCDE

Trademark Application  
No. 40-2021-0115495

Applicant  
HanmiGlobal Co., Ltd.

The Easy Common Data Environment (ezCDE) is HanmiGlobal’s common data environment for digital construction project management. ezCDE is comprised of a common platform and customized development services. The common platform consists of a co-work menu providing basic construction PM procedures and regulations in digital form, and templates for customized development services are provided according to client requirements and project characteristics. The ezCDE menu is organized into section menus for project management, production cost management, process management, safety management, quality control, and contract management, and various templates are provided under each section.



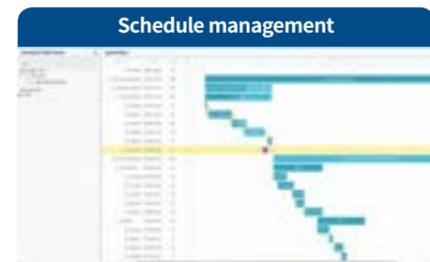
\*Common Data Environment (CDE) : An environment for joint collection management and distribution of information generated by various agents in the process of performing work, designed to prevent redundancies and confusion  
<Basic Guidelines for Construction BIM - Ministry of Land, Infrastructure and Transport>



Simulation of pre- and post-development value, and intuitive comparison through modeling and data visualization



Real-time, intuitive management of construction cost estimates, contracts, execution, and changes while the project progresses



Schedule appropriateness and preliminary construction plan review to identify schedule delay factors beforehand



4D BIM model process simulation on the web, without need for exclusive software



Issuance, action, storage, documentation, and statistical analysis of Safety Corrective Action Request (SCAR) via mobile device



Track and record materials data from plant production and site delivery to installation



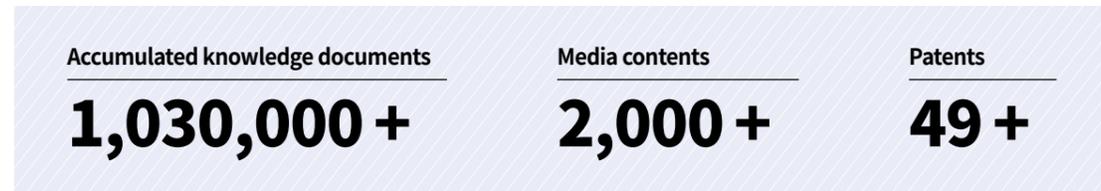
- 01 Construction quality review using drone
- 02 Construction site 3D modeling using drones
- 03 4D, 5D BIM services using tablet
- 04 Mobile SCAR(Safety Corrective Action Request) operation
- 05 Sharing and collaborating project information using Metaverse

# Knowledge Management

## Knowledge Management : Customer Value Creation

Knowledge management has been in practice for 20 years at HanmiGlobal. Knowledge and technology are shared on a company-wide basis, upgrading the quality of work performed. At HanmiGlobal, knowledge management establishes specific directions for customer value creation, with the purpose of providing better services to customers and achieving mutual sustainable growth with customers. All HanmiGlobal employees and executives take part in knowledge management and knowledge creation activities through knowledge registration, idea proposals, Q&A, and Community of Practice (CoP) activities.

The HanmiGlobal knowledge management system also includes a PM University featuring over 2,000 educational videos, and a technical advisory support system that harnesses our network of experts both inside and outside the company. Through consistent knowledge-sharing and an employee invention program, we currently hold 49 patents (46 domestic, 3 overseas). They include highly technologically advanced patents such as the “2-day cycle concrete structure construction method” (Korean Registered Patent No. 10-1324161) and the “Certificate authentication system and method using network” (Korean Registered Patent No. 10-2025825).

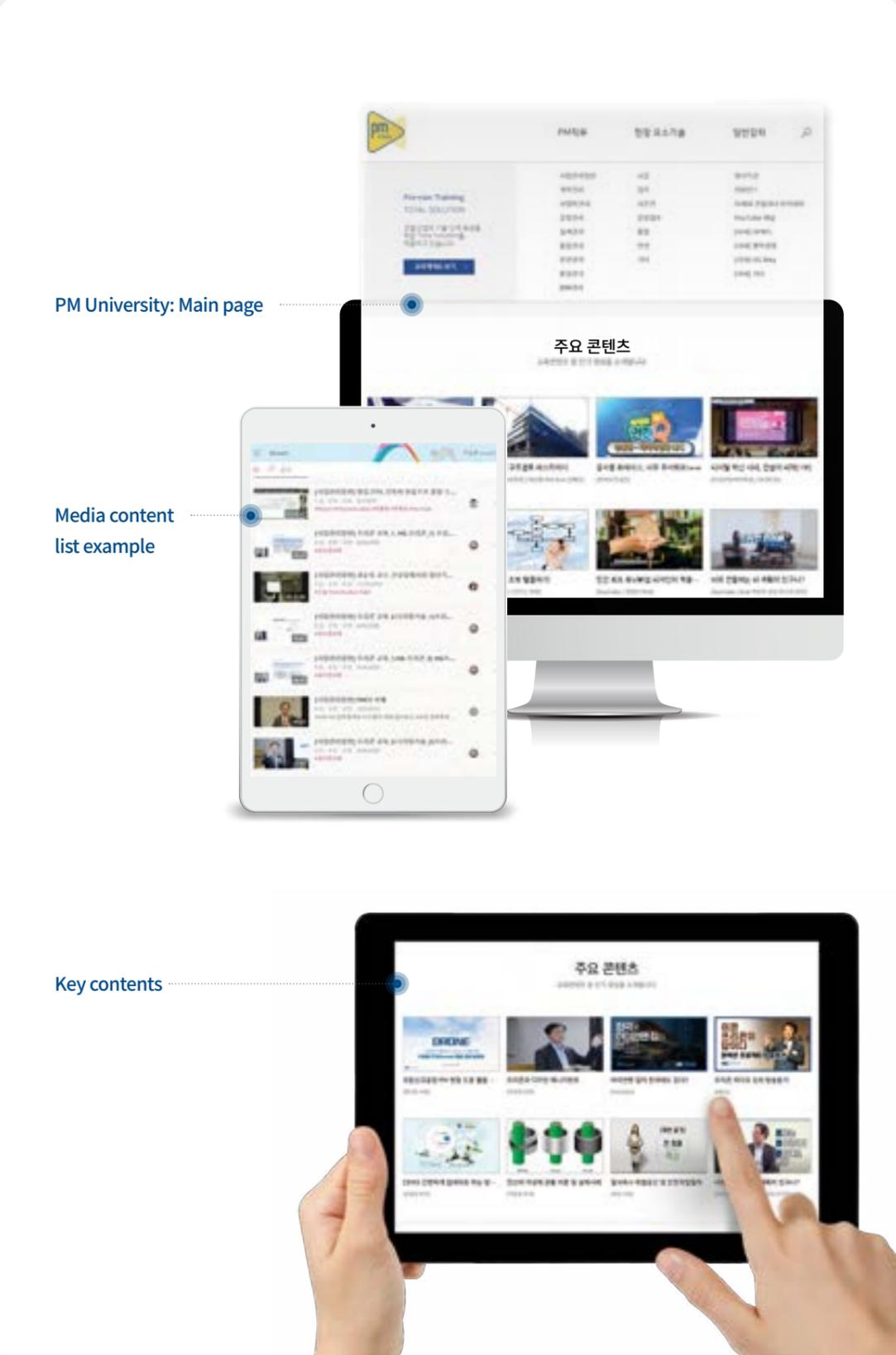




### Major patents

2-day-cycle concrete structure construction method

Korean patent certificate	Overseas patent certificates		
			
	China	Macau	Indonesia



**PM University: Main page**

**Media content list example**

**Key contents**

# Group and Client Lists

## Group

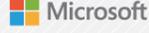
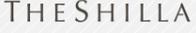
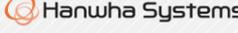
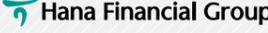
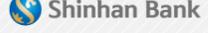
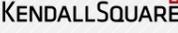
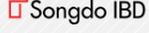
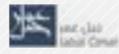
		<b>US</b>
	<b>Otak (Multidiscipline Engineering and Architecture)</b> OTAK is a global design and general engineering company, providing customers with superb value through various technologies and innovative solutions. Through its partnership with HanmiGlobal, OTAK is working to create a sustainable global construction environment.	
	<b>Otak CPM (PM/CM)</b> A PM/CM firm based in Oregon in the US, specializing in Owner's Representative services based on PM and IPD.	
	<b>Tarr Whitman Group (Project Controls)</b> As a Project Controls firm based in Washington US, the Tarr Whitman Group's public project portfolio includes projects for the Washington State Department of Transportation, Sound Transit, and the Port of Seattle.	
		<b>UK</b>
	<b>K2 (PM/Cost consultancy)</b> The K2 group, with locations in Gatwick and London, provides comprehensive development-related services to support customer business goals. The K2 group holds a vast portfolio of real estate and infrastructure projects in the United Kingdom.	
	<b>Walker Sime (PM)</b> Walker Sime (Manchester, UK) provides specialized services for the management of costs and construction design through a professional staff that boasts various consulting experiences in the construction field.	
		<b>Korea</b>
	<b>iArc (Architecture and engineering)</b> iArc is an international standard architecture and engineering company. The iArc team was the winner of the President's Award at the 2019 Korean Architecture Awards, and boasts an extensive list of accolades both in Korea and abroad. iArc seeks to expand into new business areas through convergence with other fields outside of architecture.	
	<b>Ecosian (Eco-friendly consulting)</b> Ecosian is the No. 1 Korean consulting company for environment and energy. Unrivaled in technology and project experience, Ecosian harnesses ICT and state-of-the-art technologies to provide specialized services to customers.	
	<b>HanmiGlobal PMC (Comprehensive and PM)</b> HanmiGlobal PMC provides comprehensive project management services on behalf of construction project owners, from planning and design to procurement, construction, and maintenance to achieve maximum quality within budgets set by the owners. An organization of technical experts manages project participants—designers and contractors—throughout all project stages, saving construction costs, reducing project duration, and enhancing quality for the owner.	
	<b>HanmiGlobal E&amp;C (CM At-Risk)</b> HanmiGlobal E&C is the HanmiGlobal subsidiary specializing in CM At-Risk services. By establishing a CM At-Risk foundation in Korea, HanmiGlobal E&C is committed to creating better customer value, affecting a paradigm shift in the Korean construction industry, and contributing to the progress of construction culture.	
	<b>HanmiGlobal D&amp;I (Real estate development and investment)</b> HanmiGlobal D&I specializes in real estate development and investment management, drawing on the accumulated development project and financing expertise of the HanmiGlobal group. HanmiGlobal D&I operates a top-class team of professionals and develops novel solutions for improving real estate value creation.	
	<b>HanmiGlobal AMC (General real estate finance)</b> HanmiGlobal AMC is a general real estate finance company of professionals with a wealth of knowledge and expertise in indirect real estate investment. Developing a host of investment instruments for real estate acquisition, management, sale, and remodeling, HanmiGlobal AMC provides one-stop service solutions to customers and investors.	

## Joint venture



**Turner & Townsend Korea (Construction cost management)**  
Turner & Townsend Korea is a joint venture with globally renowned PM and QS firm Turner & Townsend of the UK, established to bring systematic and professional construction cost management services to the Korean construction market.

## Client Lists

# Project Portfolio



- Super High-rise Building
- Mixed-use and Retail
- Data Centers
- Logistics Centers
- Commercial
- Education and R&D Facilities
- Medical Facilities
- Residential
- Urban Development
- Tourism, Leisure and Sports
- MICE
- Remodeling



- Power Generation Facilities
- Renewable Energy



- Ports
- Airports
- City Development



- Semiconductor and Battery Plants
- Displays, Electronics and Materials
- Industrial Parks

Super High-rise Building



**01 Haeundae We've the Zenith**

Client : Doosan Construction.  
 Location : Haeundae-gu, Busan  
 GFA : 572,534 m<sup>2</sup>  
 Floor : B5, 80F, 75F, 70F, 9F  
 Service : PM

**02 Parc1, Yeouido**

Client : Skylan Properties Korea Ltd.  
 Location : Yeouido-dong, Yeongdeungpo-gu, Seoul  
 GFA : 643,335 m<sup>2</sup>  
 Floor : B6F, 69F  
 Service : PM / technical support for builder

**03 L-City Residences, Busan**

Client : POSCO E&C Co., Ltd.  
 Location : Jung-dong, Haeundae-gu, Busan  
 GFA : 661,138 m<sup>2</sup>  
 Floor : B5F, 101F  
 Service : PM

**04 Busan Haeundae I-PARK**

Client : Hyundai Development Company  
 Location : U-dong, Haeundae-gu, Busan  
 GFA : 511,805.50 m<sup>2</sup>  
 Floor : B6F, 72F  
 Service : PM

**05 Shanghai SK Center**

Client : SK China  
 Location : Pudong District, Shanghai, China  
 GFA : 200,345 m<sup>2</sup>  
 Floor : B3F, 59F  
 Service : PM

**06 Cheongna City Tower**

Client : Hanyang Co., Ltd.  
 Location : Cheongna-dong, Seo-gu, Incheon  
 GFA : 92,978.51 m<sup>2</sup>  
 Floor : B2F, 26F  
 Service : PM

Mixed-use and Retail



**01 Magok MICE Complex**

Client : Magok MICE PFV  
 Location : Gangseo-gu, Seoul  
 GFA : 239,861 m<sup>2</sup>  
 Floor : B5F, 10-50F  
 Service : PM

**02 Starfield Anseong**

Client : Shinsegae Property Inc.  
 Location : Gongdo-eup, Anseong-si, Gyeonggi-do  
 GFA : 277,024 m<sup>2</sup>  
 Floors : B2F, 6F  
 Service : PM

**03 Centum City Shinsegae UEC**

Client : Shinsegae Co., Ltd.  
 Location : U-dong, Haeundae-gu, Busan  
 GFA : 288,843 m<sup>2</sup>  
 Floors : B5F, 14F  
 Service : PM

**04 Times Square**

Client : Kyungbang Co., Ltd.  
 Location : Yeongdeungpo-gu, Yeongdeungpo-gu, Seoul  
 GFA : 340,895 m<sup>2</sup>  
 Floors : B5F, 20F  
 Service : PM

**05 D-Cube city, Sindorim**

Client : Daesung Industrial Co., Ltd.  
 Location : Sindorim-dong, Guro-gu, Seoul  
 GFA : 350,062 m<sup>2</sup>  
 Floors : B8F, 51F  
 Service : PM

**06 Alpha Dome City, Pangyo**

Client : Alphadome City Co., Ltd.  
 Location : Baekhyeon-dong, Bundang-gu, Seongnam-si, Gyeonggi-do  
 GFA : 1,214,000 m<sup>2</sup>  
 Floors : B7F, 15F  
 Service : PM



Data Center



**01 Naver Data Center GAK Chuncheon**

Client : Naver Corporation  
 Location : Dong-myeon, Chuncheon-si, Gangwon-do  
 GFA : 47,734 m<sup>2</sup>  
 Floors : 4F  
 Service : PM

**02 Naver Data Center GAK Sejong**

Client : Naver Corporation  
 Location : Jiphyeon-dong, Sejong-si  
 GFA : 147,570 m<sup>2</sup>  
 Floors : B3F, 3F  
 Service : PM

**03 PROJECT OLYMPUS**

Client : SC Zeus Korea LLC.  
 Location : 65-2 Chunui-dong, Bucheon-si, Gyeonggi-do  
 GFA : 47,107 m<sup>2</sup>  
 Floors : B4F / 6F  
 Service : PM

**04 Hana Financial Group's Integrated Data Center**

Client : Hana TI Co., Ltd.  
 Location : Cheongna-dong, Seo-gu, Incheon  
 GFA : 300,000 m<sup>2</sup>  
 Floors : B2F, 18F  
 Service : PM

**05 Shinhan Financial Group Data Center**

Client : Shinhan Bank Co., Ltd.  
 Location : Jukjeon-dong, Suji-gu, Yongin-si, Gyeonggi-do  
 GFA : 47,905 m<sup>2</sup>  
 Floors : B4F, 6F  
 Service : PM

**06 Igis Asset Management Data Center**

Client : Igis Asset Management  
 Location : Poongsan-dong, Hanam-si  
 GFA : 42,162m<sup>2</sup>  
 Floors : B2F / 10F  
 Service : PM + CS

Logistics Center



**01 Yongin Pogok Smart Logistics Center**

Client : Dingdong Corporation  
 Location : Pogok-eup, Cheoin-gu, Yongin-si, Gyeonggi-do  
 GFA : 556,817 m<sup>2</sup>  
 Floors : B1F, 10F  
 Service : PM

**02 Bucheon Ojeong Logistics Center**

Client : Kendall Square  
 Location : Ojeong-dong, Bucheon-si, Gyeonggi-do  
 GFA : 309,335 m<sup>2</sup>  
 Floors : B1F, 7F  
 Service : PM

**03 Warehouse facility, Gwangju Opo Logistics Complex**

Client : Kendall Square  
 Location : Opo-eup, Gwangju-si, Gyeonggi-do  
 GFA : 366,582 m<sup>2</sup>  
 Floors : B3F, 4F (+ 4 logistics buildings)  
 Service : PM

**04 Joint Distribution and Delivery Center, Yangji Logistics**

Client : Yangji Logistics Co., Ltd.  
 Location : Yangji-myeon, Cheoin-gu, Yongin-si, Gyeonggi-do  
 GFA : 205,788 m<sup>2</sup>  
 Floors : B1F, 10F  
 Service : PM

**05 Southeast Seoul Logistics Center**

Client : Seoul Mixed-Use Logistics Project Finance Investment Co., Ltd.  
 Location: Jangji-dong, Songpa-gu, Seoul  
 GFA: 409,319 m<sup>2</sup>  
 Floors : B2F, 7F  
 Service : PM

**06 Korea Superfreeze Inc., Pyeongtaek Oseong Logistics Complex**

Client: Korea Superfreeze Inc.  
 Location: Oseong-myeon, Pyeongtaek-si, Gyeonggi-do  
 GFA: 160,681 m<sup>2</sup>  
 Floors : B1F, 8F  
 Service : PM

Commercial



**01 Naver 1784(2<sup>nd</sup>) Headquarter**

Client : Naver Corporation  
 Location : Jeongja-dong, Bundang-gu, Seongnam-si, Gyeonggi-do  
 GFA : 167,596.69 m<sup>2</sup>  
 Floors : B9F, 29F  
 Service : PM

**02 POSCO Center Beijing**

Client : POSCO China  
 Location : Wangjing, Chaoyang District, Beijing, China  
 GFA : 162,623.80 m<sup>2</sup>  
 Floors : B4F, 33F  
 Service : PM

**03 Centropolis**

Client : Appletree Project Financing Investment Co., Ltd.  
 Location : Gongpyeong-dong, Jongno-gu, Seoul  
 GFA : 124,720 m<sup>2</sup>  
 Floors : A - 21~22F / B - B8F, 26F  
 Service : PM

**04 KB Kookmin Bank Combined Headquarters**

Client : KB Kookmin Bank Co., Ltd.  
 Location : Yeouido-dong, Yeongdeungpo-gu, Seoul  
 GFA : 67,408 m<sup>2</sup>  
 Floors : B6F, 25F  
 Service : PM

**05 LG Sciencepark**

Client : LG Electronics Co., Ltd.  
 Location : Magok-dong, Gangseo-gu, Seoul  
 GFA : 455,309 m<sup>2</sup>  
 Floors : B4F, 10F  
 Service : CS

**06 SK T-Tower**

Client : SK Telecom Co., Ltd.  
 Location : Euljiro 2-ga, Jung-gu, Seoul  
 GFA : 90,748 m<sup>2</sup>  
 Floors : B6F, 33F  
 Service : PM

**07 Naver Green Factory**

Client : Naver Corporation  
 Location : Jeongja-dong, Bundang-gu, Seongnam-si, Gyeonggi-do  
 GFA : 101,880.28 m<sup>2</sup>  
 Floors : B7F, 28F  
 Service : PM

**08 New NHN Headquarters, Pangyo**

Client : Naver Corporation  
 Location : Pangyo-dong, Bundang-gu, Seongnam-si, Gyeonggi-do  
 GFA : 132,000 m<sup>2</sup>  
 Floors : B6F, 11F  
 Service : PM

Commercial



**09 Hana Bank Headquarters**

Client : Hana Bank Co., Ltd.  
 Location : Euljiro 1-ga, Jung-gu, Seoul  
 GFA : 54,038 m<sup>2</sup>  
 Floors : B6F, 26F  
 Service : PM

**10 Samsung Electronics Seocho Building**

Client : Samsung Electronics Co., Ltd.  
 Location : Seocho-dong, Seocho-gu, Seoul  
 GFA : 197,527 m<sup>2</sup>  
 Floors : B8F, 43F  
 Service : CS

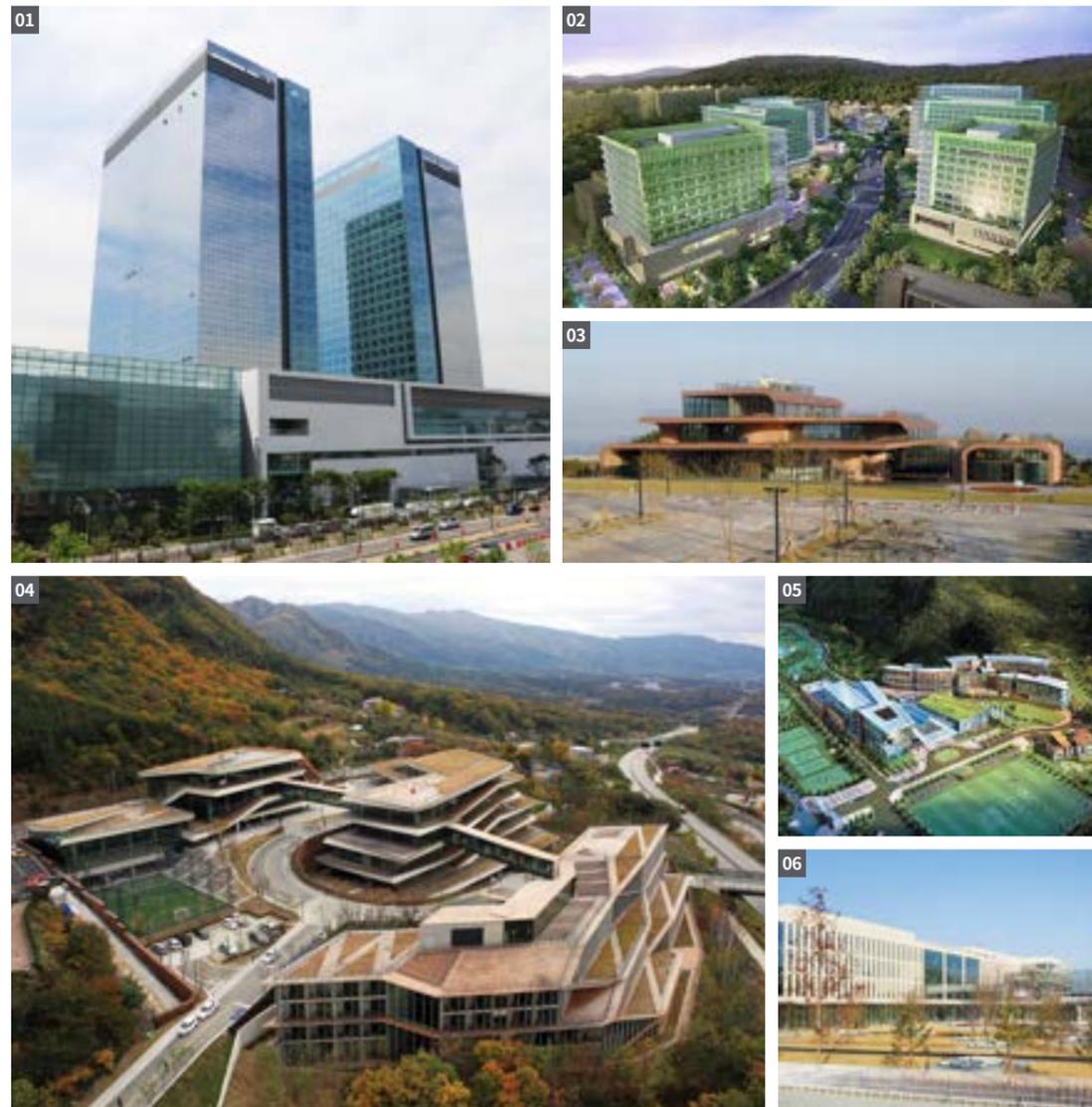
**11 POSCO IT Center, Dalian**

Client : POSCO E&C China  
 Location : Qixianling, Dalian city, Liaoning Province, China  
 GFA : 14,083 m<sup>2</sup>  
 Floors : B2F, 27F  
 Service : PM

**12 Mirae Asset Center One Building**

Client : Glostar  
 Location : Suha-dong, Jung-gu, Seoul  
 GFA : 167,000 m<sup>2</sup>  
 Floors : B8F, 34F  
 Service : PM

Education and R&D Facility



**01 Samsung Electronics R5 Project**

Client : Samsung Electronics Co., Ltd.  
 Location : Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do  
 GFA : 308,980 m<sup>2</sup>  
 Floors : B5F, 27F (Twin Tower)  
 Service : PM

**02 Umyeon-dong R&D Center Samsung Electronics**

Client : Samsung Electronics Co., Ltd.  
 Location : Umyeon-dong, Seocho-gu, Seoul  
 GFA : 330,000 m<sup>2</sup>  
 Floors : B5F, 10F  
 Service : CS

**03 Kakao Space.1**

Client : Daum Communications Corp.  
 Location : Yeongpyeong-dong, Jeju-si, Jeju-do  
 GFA : 9,183 m<sup>2</sup>  
 Floors : B1F, 5F  
 Service : PM

**04 Naver Connect One**

Client : NAVER I&S  
 Location : Dong-myeon, Chuncheon-si, Gangwon-do  
 GFA : 34,790 m<sup>2</sup>  
 Floors : B2F, 5F  
 Service : PM

**05 IBK Training Center**

Client : IBK Industrial Bank of Korea  
 Location : Hwaam-ri, Dongnyang-myeon, Chungju-si, Chungcheongbuk-do  
 GFA : 51,884 m<sup>2</sup>  
 Floors : B3F, 5F  
 Service : PM

**06 Hana Global Human Resources Development Institute**

Client : Hana Global Talent Development Institute PFV Co., Ltd.  
 Location : Cheongna-dong, Seo-gu, Incheon  
 GFA : 57,811 m<sup>2</sup>  
 Floors : B1F, 4F  
 Service : PM

Medical Facility



**01 Yongin Severance Hospital**

Client : Yonsei University Health System  
 Location : Jung-dong, Giheung-gu, Yongin-si, Gyeonggi-do  
 GFA : 99,980 m<sup>2</sup>  
 Floors : B4F, 13F  
 Service : PM

**02 Incheon Jeil Women's Hospital**

Client : W Women's Hospital  
 Location : Juan-dong, Nam-gu, Incheon  
 GFA : 12,694.21 m<sup>2</sup>  
 Floors : B4F, 11F  
 Service : PM

**03 Purme Children's Rehabilitation Hospital**

Client : The Purme Foundation  
 Client : Sangam-dong, Mapo-gu, Seoul  
 GFA : 18,378 m<sup>2</sup>  
 Floors : B3F, 7F  
 Service : PM

**04 Yonsei Cancer Hospital**

Client : Yonsei University Health System  
 Location : Sinchon-dong, Seodaemun-gu, Seoul  
 GFA : 105,201 m<sup>2</sup>  
 Floors : B6F, 15F  
 Service : PM

**05 King Fahad Medical Hospital - Riyadh**

Client : KFMC New Medical Center  
 Location : Saudi Arabia  
 GFA : 234,102 m<sup>2</sup>  
 Floors : B2F, 11F  
 Service : PMC

**06 BCG Vaccine Production Facility and Tuberculosis Research Institute**

Client : Korean National Tuberculosis Association  
 Location : Gangwae-myeon, Cheongwon-gun, Chungcheongbuk-do  
 GFA : 3,824 m<sup>2</sup>  
 Floors : B1F, 2F  
 Service : PM

Residential



**01 Dogok-dong Tower Palace I**

Client : Samsung Electronics Co., Ltd., Samsung SDI Co., Ltd.  
 Location : Dogok-dong, Gangnam-gu, Seoul  
 GFA : 450,600 m<sup>2</sup>  
 Floors : B5F, 66F  
 Service : PM

**Dogok-dong Tower Palace II**

Client : Samsung Heavy Industries, Samsung Card  
 Location : Dogok-dong, Gangnam-gu, Seoul  
 GFA : 299,746 m<sup>2</sup>  
 Floors : B6F, 55F  
 Service : PM

**Dogok-dong Tower Palace III**

Client : Samsung Life Insurance Co., Ltd.  
 Location : Dogok-dong, Gangnam-gu, Seoul  
 GFA : 223,538 m<sup>2</sup>  
 Floors : B6F, 69F  
 Service : PM

**02 Samseong-dong Hyundai I-PARK**

Client : Hyundai Development Company  
 Location : Samseong-dong, Gangnam-gu, Seoul  
 GFA : 150,372 m<sup>2</sup>  
 Floors : B4F, 42F  
 Service : PM

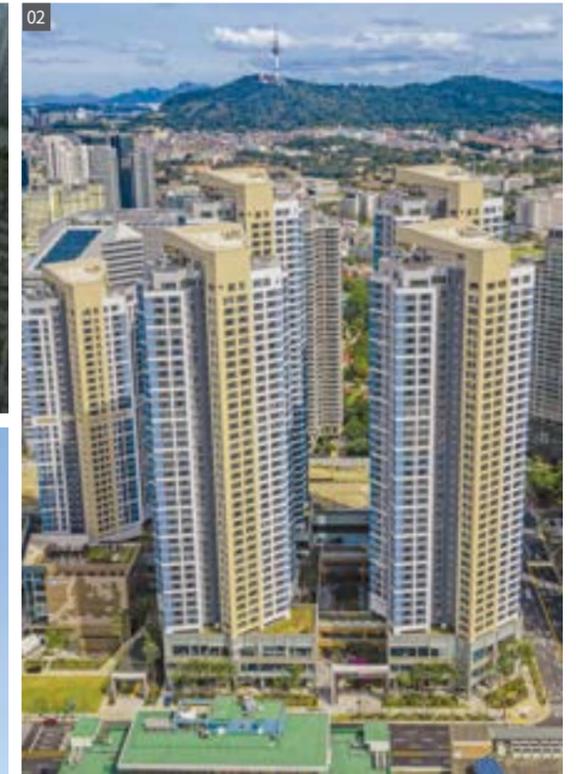
**03 Songdo The Sharp Central Park Mixed-Use Building**

Client : POSCO E&C  
 Location : Songdo-dong, Yeonsu-gu, Incheon  
 GFA : 204,913 m<sup>2</sup>  
 Floors : B2F, 47F  
 Service : PM

**04 Tangjeong Trapalace**

Client : Samsung Display Co., Ltd.  
 Location : Tangjeong-myeon, Asan-si, Chungcheongnam-do  
 GFA : 763,983 m<sup>2</sup>  
 Floors : B2F, 32-39F (20 buildings)  
 Service : PM

Urban Development



**01 Bangbae District 5 Housing Reconstruction and Regeneration Project**

Client : Bangbae District 5 Housing Reconstruction and Regeneration Project Union  
 Location : Bangbae-dong, Seocho-gu, Seoul  
 GFA : 595,041 m<sup>2</sup>  
 Floors : B3F, 33F  
 Service : PM

**02 Yongsan District 5 Urban Regeneration Project**

Client : Yongsan District 5 Urban Regeneration Project Union  
 Location : Hangang-ro 2-ga, Yongsan-gu, Seoul  
 GFA : 54,142 m<sup>2</sup>  
 Floors : B8F, 39F  
 Service : PM+CS

**03 Yongsan District 4 Urban Regeneration Project**

Client : Yongsan District 4 Urban Regeneration Project Union  
 Location : Hangang-ro 3-ga, Yongsan-gu, Seoul  
 GFA : 364,470 m<sup>2</sup>  
 Floors : B5F, 43F  
 Service : PM

**04 Busan Goejeong District 5 Housing Redevelopment Project**

Client : Busan Goejeong District 5 Housing Redevelopment Project Union  
 Location : Goejeong-dong, Saha-gu, Busan  
 GFA : 605,999 m<sup>2</sup>  
 Floors : B4F, 39F  
 Service : PM

Tourism, Leisure and Sport



**01 Osiria Theme Park PFV**  
 Client : Osiria Theme Park PFV  
 Location : Gijang-gun Gijang-eub, Busan-si  
 GFA : 66,116 m<sup>2</sup>  
 Floor : B1, 3F  
 Service : PM + CS

**02 Yongsan Dragon City Hotel**  
 Client : Soebu T&D  
 Location : Yongsan-gu, Seoul  
 GFA : 184,611 m<sup>2</sup>  
 Floor : B4, 39F  
 Service : PM

**02 Dong River Resort Project**  
 Client : Dong River Resort Corp.  
 Location : Yeonwol-gun, Gngwon-do  
 GFA : 132,232m<sup>2</sup>  
 Service : PM

**03 Manila Bay Resorts**  
 Client : Tiger Resort  
 Location : Paranaque, Metro Manila, Philippines  
 GFA : 406,000 m<sup>2</sup>  
 Floor : B2, 15F  
 Service : PM

Tourism, Leisure and Sport



**05 Jeju Dream Tower Resort**  
 Client : Lotte Tour Development Co., Ltd.  
 Location : Nohyeong-dong, Jeju-si, Jeju Province  
 GFA : 302,777 m<sup>2</sup>  
 Floors : B5F, 38F  
 Service : PM

**06 Jabal Omar Development**  
 Client : Mecca  
 Location : Mecca, Saudi Arabia  
 GFA : 1,952,000 m<sup>2</sup>  
 Floors : 40 residence towers, 26 hotels  
 Service : Project Monitoring Service, LTA

**07 Songdo Central Park**  
 Client : Posco E&C  
 Location : Yeonsu-gu, Incheon  
 GFA : 405,024 m<sup>2</sup>  
 Service : PM + CS

**08 Paradise City Incheon**  
 Client : Paradise Sega Sammy Co., Ltd.  
 Location : Unseo-dong, Jung-gu, Incheon  
 GFA : 190,003 m<sup>2</sup>  
 Floors : B2F, 10F  
 Service : PM

**09 JW Marriott Hotel Dongdaemun**  
 Client : Dongseung Co., Ltd.  
 Location : Jongro 6-ga, Jongro-gu, Seoul  
 GFA : 42,306 m<sup>2</sup>  
 Floors : B6F, 10F  
 Service : PM

MICE



**01 Songdo Convensia**

Client : New Songdo International City Development (NSC)  
 Location : Yeonsu-gu, Incheon  
 GFA : 52,480㎡  
 Service : PM

**02 Gwacheon National Science Museum**

Client : Ministry of Science and ICT  
 Location : Gwacheon-dong, Gwacheon-si, Gyeonggi-do  
 GFA : 45,925 ㎡  
 Floors : B1F, 3F  
 Service : PM

**03 Songdo Art Center**

Client : New Songdo International City Development  
 Location : Songdo-dong, Yeonsu-gu, Incheon  
 GFA : 88,682 ㎡  
 Floors : B1F, 8F  
 Service : PM

**04 DIAL Convention Center, India**

Client : Aerocity Hotel and Convention Centre (Delhi) Pvt. Ltd.  
 Location : New Delhi, India  
 GFA : 357,213 ㎡  
 Floors : B6F, 10F  
 Service : PM

**05 Haeoreum Theater Remodeling Project (National Theater of Korea)**

Client : National Theater of Korea (Ministry of Culture, Sports and Tourism)  
 Location : Jangchung-dong, Jung-gu, Seoul  
 GFA : 64,426 ㎡  
 Floors : B3F, 8F  
 Service : PM

Remodeling

**01 Seoul Square**

Client : KRI CR-REIT Co., Ltd.  
 Location : Namdaemun 5-ga, Jung-gu, Seoul  
 GFA : 132,803 ㎡  
 Floors : B2F, 23F  
 Service : CM at Risk

**02 IBK Industrial Bank of Korea Headquarters**

Client : Industrial Bank of Korea  
 Location : Euljiro 2-ga, Jung-gu, Seoul  
 GFA : 68,088.32 ㎡  
 Floors : B5F, 20F  
 Service : PM

**03 Lahan Select Gyeongju Hotel**

Client : Lahan Hotels Co., Ltd.  
 Location : Sinpyeong-dong, Gyeongju-si, Gyeongsangbuk-do  
 GFA : 69,765 ㎡  
 Floors : B2F, 12F  
 Service : PM

**04 Lahan Hotel Jeonju**

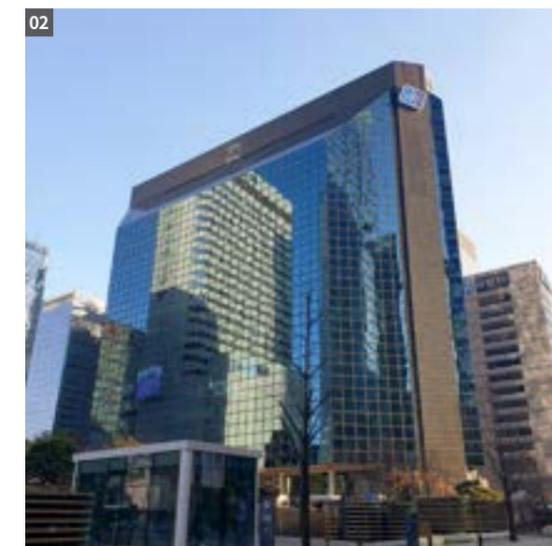
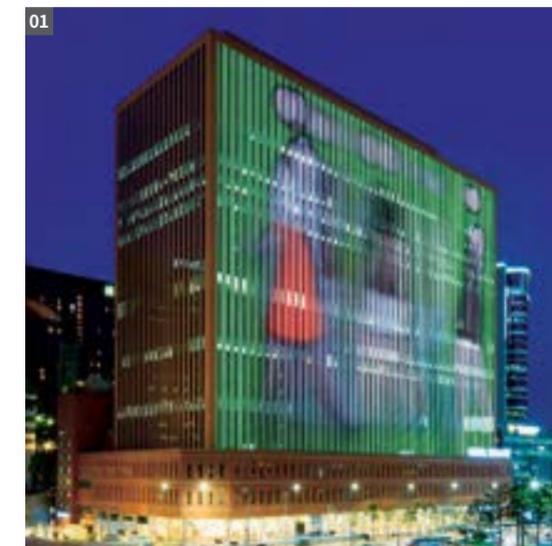
Client : Lahan Hotels Co., Ltd.  
 Location : Pungnam-dong, Wansan-gu, Jeonju-si, Jeollabuk-do  
 GFA : 34,628 ㎡  
 Floors : B1F, 9F  
 Service : PM

**05 Kyobo Life Insurance Headquarters**

Client : Kyobo Life Insurance Co., Ltd.  
 Location : Jongro 1-ga, Jongro-gu, Seoul  
 GFA : 95,069 ㎡  
 Floors : B3F, 22F, 1 rooftop  
 Service : PM

**06 FNC Building, Amore Pacific Daejeon**

Client : Cosvision Corporation  
 Location : Daehwa-dong, Daedeok-gu, Daejeon  
 GFA : 53,135 ㎡  
 Floors : B1F, 3F  
 Service : PM



Power Generation Facility



**01 Khabat Thermal Power Project, Iraq**

Client : Ministry of Electricity, Iraq (M.O.E.)  
 Location : Erbil (Kurdish Region), Iraq  
 Capacity : 300 MW (150 MW x 2 units Oil-fired & 400 kV Substation)  
 Service: Owner's Engineering Service (OES)



**02 Combined Cycle Power Plant in Dongducheon**

Client : Dongducheon Dream Power Co., Ltd.  
 Location : Dongducheon, Gyeonggi-do, Republic of Korea  
 Capacity : 1,716 MW  
 Service : LTA

**03 Papua New Guinea Diesel Power Plant**

Client : Daewoo PNG Power Ltd.  
 Location : Lae City, Papua New Guinea  
 Capacity : 34MW  
 Service : PM

Renewable Energy



**01 Anjwa Solar Power Plant**  
 Client : Anjwa SmartPower Plant Solar City Corporation  
 Location : Sinangun, Korea  
 Capacity : 300MW  
 Service : PM

**02 Saemangeum Offshore Wind Power Project**  
 Client : Saemangeum Offshore Wind Power Co., Ltd.  
 Location : Gunsan-si, Jeollabuk-do  
 Capacity : 100 MW wind power (4.3 MW x 23 turbines)  
 Service : PM

**03 Jeju Hallim Offshore Wind Power Project**  
 Client : Jeju Hallim Offshore Wind Power Co., Ltd.  
 Location : Suwon-ri, Hallim-eup, Jeju-do  
 Capacity : 100 MW  
 Service : Owner's Engineering Service (OES)

**04 Gasi-ri Wind Power Project in Jeju**  
 Client : SK D&D  
 Location : Gasi-ri, Pyoseon-myeon, Seogwipo-si, Jeju-do  
 Capacity : 30 MW (3,000 KW x 10 turbines)  
 Service : PM

**05 Chile Solar Power Project**  
 Client : S-Energy Co., Ltd.  
 Location : Seven sites near Santiago, Chile (Chile Cluster)  
 Capacity : 57.92 MW  
 Service : PM

**06 Godeok Green Energy Power Plant**  
 Client : Godeok Green Energy Co.,Ltd.  
 Location : Gangdong-gu, Seoul, Korea  
 Capacity : 2.8 MW  
 Service : Construction Supervision

**07 Tojo Solar Power Project, Japan**  
 Client : Mega Solar Factory (MSF)  
 Location : Tojo-cho, Shobara-shi, Hiroshima-ken, Japan  
 Capacity : 30 MW  
 Service : PM

01



02



03



04



**01 Busan North Port International Passenger Terminal**

Client : BPA  
 Location : Dong-gu, Busan, Republic of Korea  
 Capacity : B1/5F, 93,932 m<sup>2</sup>  
 Service : PM + CS

**02 Incheon Port International Passenger Terminal**

Client : IIPA  
 Location : Yeonsu, Incheon, Korea  
 Capacity : B1/5F, 52,000 m<sup>2</sup>  
 Service : PM + CS

**03 Rehabilitation of Coal Silo in YeoCheon**

Client : Goyang Terminal Corp.  
 Location : Goyang-si, Gyeonggi-do  
 Capacity : B5/7F, 146,136 m<sup>2</sup>  
 Service : PM

**04 Goyang Terminal**

Client : Hanjin Shipping  
 Location : California, USA  
 Capacity : 2,000,000 ton/Year  
 Service : PM

**Airport**



- 01 Iraqi Air Base Reconstruction Project**  
 Client : Korea Aerospace Industries, Ltd.  
 Location : Baghdad, Iraq  
 Capacity : Runway (3,881m, 3,500m), Taxiway, Control Tower  
 Service : PM
- 02 Abu Dhabi Control Tower**  
 Client : KUMHO E&C Co., Ltd.  
 Location : Abu Dhabi, UAE  
 Capacity : B1/22F, 7,300 m<sup>2</sup>  
 Service : PM

**City Development**



- 01 Al Wedyan, Saudi Arabia**  
 Client : Al Akaria  
 Location : Riyadh, Saudi Arabia  
 GFA : 8,045,000 m<sup>2</sup>  
 Service : PMO
- 02 Red Sea Village Development, Saudi Arabia**  
 Client : Alinma Al Suraya Real Estate Company  
 Location : Jeddah, Saudi Arabia  
 GFA : 2,865,465 m<sup>2</sup>  
 Floor : B4F, 42F  
 Service : PM
- 03 Jeju Shinwa History Park**  
 Client : Landing Jeju Development Co., Ltd.  
 Location : Andeok-myeon, Seogwipo-si, Jeju-do  
 GFA : 1,083,722 m<sup>2</sup>  
 Floors : B4F, 5F  
 Service : PM
- 04 ITCC Saudi Arabia**  
 Client : Public Pension Agency (PPA)  
 Location : Riyadh, Saudi Arabia  
 GFA : 1,136,369 m<sup>2</sup>  
 Service : PM
- 05 Housing Complex Development, Libya**  
 Client : Housing & Infrastructure Board (HIB)  
 Location : Libya  
 GFA : 8,000,000 m<sup>2</sup>  
 Service : CS
- 06 Saad Al-Abdullah city, Kuwait**  
 Client : Korean Land & Housing Corporation  
 Location : Saad Al-Abdullah City, Kuwait  
 GFA : 64.3 km<sup>2</sup>  
 Service : TA



## Semiconductor and Battery Plant



### Semiconductor Plant

**01 Pyeongtaek Campus, Samsung Electronics**

Client : Samsung Electronics Co., Ltd.  
 Location : Godeok-myeon, Pyeongtaek-si, Gyeonggi-do  
 GFA : 1,135,084 m<sup>2</sup>  
 Floors : 9F  
 Service : PM+CS

**02 SK Hynix China (Wuxi)**

Client : SK Hynix Co., Ltd.  
 Location : Wuxi, China  
 GFA : 302,410 m<sup>2</sup>  
 Floors : B1F, 5F  
 Service : PM

### Battery Plant

**03 SKI Plant 2, Hungary**

Client : SK Innovation Co., Ltd.  
 Location : Komarom Industrial Park, Hungary  
 GFA : 122,836 m<sup>2</sup>  
 Floors : 2F  
 Service : PM

**04 Samsung SDI Tianjin Plant 2**

Client : Samsung SDI Co., Ltd.  
 Location : Tianjin Economic-Technological Development Area, China  
 GFA : 33,242.97 m<sup>2</sup>  
 Floors : B1F, 3F  
 Service : PM+CS

## Display, Electronic and Material



### Display

**01 Samsung Display Asan Campus**

Client : Samsung Display Co., Ltd.  
 Location : Tangjeong-myeon, Asan-si, Chungcheongnam-do  
 GFA : 221,281 m<sup>2</sup>  
 Floors : B2F, 9F  
 Service : PM

**02 Samsung Display Vietnam**

Client : Samsung Display Co., Ltd.  
 Location : Yên Phong Industrial Park, Bắc Ninh province, Vietnam  
 GFA : 216,631 m<sup>2</sup> (V2)  
 Floors : 3F  
 Service : PM

### Electronics and Material

**03 SK Siltron Plant 1 expansion**

Client : SK Siltron Co., Ltd.  
 Location : Imsu-dong, Gumi-si, Gyeongsangbuk-do  
 GFA : 35,058 m<sup>2</sup>  
 Floors : 4F  
 Service : PM

**04 Samsung Electro-Mechanics Tianjin Plant 2 expansion**

Client : Samsung Electro-Mechanics Co., Ltd.  
 Location : Tianjin, China  
 GFA : 206,373 m<sup>2</sup>  
 Floors : 3F  
 Service : PM

Industrial Park



**01 Asan Display Industry Park**

**Complex 1, General Industrial Complex in Asan Display City**

Client : Samsung Display Co., Ltd.  
 Location : Myeongam-ri, Tangjeong-myeon, Asan-si, Chungcheongnam-do  
 GFA : 2,450,571 m<sup>2</sup>  
 Service : PM+CS

**Complex 2, General Industrial Complex in Asan Display City**

Client: Samsung Display Co., Ltd.  
 Location : Myeongam-ri, Yongdu-ri and Galsan-ri, Tangjeong-myeon, Asan-si, Chungcheongnam-do  
 GFA : 2,095,062 m<sup>2</sup>  
 Service : PM+CS



**02 Water Supply Facility / 345 kV Substation**

**Water Supply Facility**

Client : Asan City, Samsung Display  
 Location : Myeongam-ri, Tangjeong-myeon, Asan-si, Chungcheongnam-do  
 Capacity : 245,000 m<sup>3</sup>/day (Phases 1-4)  
 Service : PM+CS

**345 kV Substation**

Client : KEPCO, Samsung Display  
 Location : Myeongam-ri, Tangjeong-myeon, Asan-si, Chungcheongnam-do  
 Capacity : 2,000,000 kW  
 Service : PM+CS

**03 Public Wastewater Treatment Facility**

Client : Asan City, Samsung Display  
 Location : Myeongam-ri, Tangjeong-myeon, Asan-si, Chungcheongnam-do  
 Capacity : 280,000 m<sup>3</sup>/day (Phases 1-7)  
 Service : PM+CS

# Corporate History

## 1996

- 06. · Signed a joint venture contract with Parsons (US)
- 06. · Hanmi Construction Technology Co., Ltd. founded; Chairman Kim Jong-hoon reinstated
- 07. · Acquired comprehensive supervision license from Ministry of Construction & Transportation
- 09. · Renamed as Hanmi Construction Technology Architectural Office

## 1997

- 02. · Registered as an architecture firm (Seocho-gu Office)
- 02. · PM contract for 102-story Synergy Park project in Dogok-dong
- 09. · Surpassed KRW 10 billion in sales
- 11. · PM contract awarded for Busan new port, Gadeok-do island

## 1998

- 03. · Comprehensive PM agreement with European retail giant Carrefour
- 08. · Acquired ISO 9002 certification
- 09. · PM contract awarded for Seoul World Cup Stadium (first government-issued PM contract in Korea)

## 1999

- 05. · Design management & PM contract for Kangwon Land
- 05. · PM contract awarded for Tower Palace I & II projects in Dogok-dong from Samsung Group
- 09. · PM contract awarded for Samseong-dong I-PARK project from Hyundai Development Company

## 2000

- 04. · e-Biz team and Technology R&D Institute established
- 04. · Joined Korea Industrial Technology Association
- 10. · Renamed as Hanmi Parsons Co., Ltd.

## 2001

- 03. · PM contract awarded for Tower Palace III project in Dogok-dong from Samsung Group
- 03. · Employee stock ownership association organized
- 05. · First use of PM techniques in residential complex development project
- 05. · Office relocated to City Airport Terminal Building, Samseong-dong
- 06. · Began first e-manual in Korea for small and medium construction project management
- 09. · CSR Committee launched

## 2002

- 03. · HITs groupware launched
- 04. · Ethics Code established and enforced
- 04. · Established Exclusive Knowledge Management organization and Knowledge Management plan
- 05. · Institutionalization of CSR activities and implementation of double-matching grant system
- 05. · Participated in Shenyang New Town Development Project, China
- 06. · Established Chinese lead office in Shanghai
- 10. · PM contract awarded for Shinsegae Department Store redevelopment project
- 12. · KMS (Knowledge Management System) launched
- 12. · Surpassed KRW 20 billion in sales

## 2003

- 01. · Established Landmark Development LMD)
- 02. · Awarded PM contract for Samsung Corning Precision Glass factory in Shenzhen, China
- 03. · Began CoP (Community of Practice) activities
- 03. · e-Business alliance with Medi-Friend
- 06. · Awarded PM contract for six libraries under MBC's Miracle Library program
- 09. · Chinese branch established in Shanghai
- 10. · General management and PM contract awarded for KOICA (Korea International Cooperation Agency) projects in three countries
- 12. · Integrated performance management system (HPMS) implemented

## 2004

- 04. · Official declaration of "Good Place to Work" movement
- 09. · PM contract awarded for Holiday Inn Plaza Hotel and Shanghai Korean School in China
- 10. · PM contract awarded for National Science Museum
- 10. · Partnership with Korea Construction Management Corporation
- 12. · CDP (Career Development Program) implementation
- 12. · PM contract awarded for Nuri Kkum Square, DMC
- 12. · PM contract awarded for POSCO The Sharp Centum Star project, Busan

## 2005

- 03. · PM contract awarded for Daum Communications Media Lab
- 03. · PM contract awarded for Yongin Shinsegae Department Store construction project
- 03. · PM contract awarded for pediatric hospital project in Cambodia by KOICA (Korea International Cooperation Agency)
- 05. · PM contract awarded for Daejeon EXPO and Convention Center development project
- 05. · Design management & PM contract awarded for Alpensia project, Pyeongchang
- 07. · PM contract for Muan Business City, Jeollanam-do
- 09. · Expanded employee welfare and benefits program (child education allowance for all children, adoption of sabbatical leave)
- 11. · PM contract awarded for Daejeon inner city redevelopment project

## 2006

- 01. · Technical partnership with Mitsubishi Estate Company, Japan
- 01. · CM at Risk awarded contract for Homeplus Cheongju Jungwon store (first CM at Risk contract in Korea)
- 06. · PM contract for Korea-Indonesia Technology and Culture Cooperation Center
- 09. · PM contract for LGE HUB logistics center, Nanjing
- 09. · Chinese branch awarded PM contract for LG INNOTEK project in Yantai
- 12. · PM contract awarded for Samsung Electronics Factory in Chennai, India
- 12. · Surpassed KRW 50 billion in sales

## 2007

- 01. · Implemented open recruitment system for hiring of new employees
- 02. · Opened Dubai office
- 03. · Contract awarded for Shinho-Myeongji Apartment Housing Development Project (first CM for Fee contract)
- 03. · Combined brand "Maestro" launched
- 04. · Established Dubai branch
- 06. · Contract awarded for "Silicon Gates Building", HanmiGlobal's first project in Dubai
- 07. · Hosted next-generation construction leaders academy for undergraduates in construction-related areas
- 10. · PM contract awarded for Inui-dong urban renewal project
- 11. · Participated as PM for Marina Bay Sands project, Singapore

## 2008

- 01. · Remodeling project for Bandal Maeul Apts., Jung-dong, Bucheon (first apartment housing remodeling project PM in Korea)
- 01. · PM contract awarded for Hanoi City Complex, Vietnam—first overseas super high-rise project
- 04. · PM contract awarded for ITCC (Information Technology and Communication Complex), Saudi Arabia
- 04. · PM contract awarded for Oman Shipyard
- 08. · PM contract awarded for Daum Communications R&D Center
- 10. · PM contract awarded for Pangyo New Town development project
- 11. · Established Macau branch
- 11. · Established Saudi Arabia branch
- 12. · Acquired ISO 14001 certification
- 12. · PM contract awarded for Samsung Electronics Factory in Mexico

## 2009

- 01. · Became member of ICLEI (International Council for Local Environmental Initiatives) and USGBC (U.S. Green Building Council)
- 04. · PM contract awarded for National Institute of Ecology

- 04. · PM contract awarded for 10,000-unit housing development project in Libya
- 05. · PM contract awarded for education and public health project in Paraguay
- 06. · Became first listed PM company
- 07. · Established Abu Dhabi branch
- 09. · Contract awarded for MMHE (MALAYSIA MARINE AND HEAVY ENGINEERING) Yard Optimization project
- 12. · Acquired OHSAS 18001 certification

## 2010

- 02. · Turner & Townsend Korea established (joint venture with world-renowned cost management/PM firm Turner & Townsend of the UK)
- 03. · Founded social welfare foundation “Walk Together”
- 08. · PM contract awarded for JODC (Jabal Omar Development) project, Saudi Arabia
- 10. · Established Vietnam branch
- 11. · PM contract awarded for Jang Bogo Station (Antarctica)
- 12. · Surpassed KRW 100 billion in sales

## 2011

- 03. · Renamed HanmiGlobal Co., Ltd.
- 04. · Acquired American general engineering firm “Otak”
- 06. · PM contract awarded for Busan International Passenger Terminal construction project
- 07. · Beijing office of China branch opened
- 07. · CM at Risk contract for South Cape Owners’ Golf Club
- 09. · PM contract awarded for Yongin Severance Hospital
- 10. · PM contract awarded for Yongin Severance Hospital
- 12. · PM contract awarded for Daum Communications Jeju Headquarters
- 12. · Surpassed KRW 150 billion in sales

## 2012

- 01. · Acquired environmental consulting firm Ecosian
- 02. · HanmiGlobal participates in PM for Korea’s first mine redevelopment project
- 04. · Chairman Kim Jong-hoon donates 120,000 shares to social welfare group “Walk Together”

- 05. · Established India branch
- 06. · PM contract awarded for Manila Bay Resort, Philippines
- 07. · PM contract awarded for Naver Data Center “GAK” Chuncheon project
- 09. · PM contract awarded for thermal power plant project in Iraq
- 12. · Surpassed KRW 200 billion in sales

## 2013

- 01. · HanmiGlobal “Happiness Management” organizational culture campaign launched
- 02. · PM contract awarded for KMFC New Medical Centers project, Riyadh, Saudi Arabia
- 03. · PM contract awarded for Long Beach Port project, USA
- 04. · Opened Iraq office
- 10. · Four patents including “2-day cycle concrete structure construction method” granted
- 11. · PM contract awarded for Shinsegae Starfield Hanam

## 2014

- 02. · PM contract awarded for issuance of Samsung Electronics materials
- 05. · PM contract awarded for Jeju Shinhwa History Park Resort project
- 06. · PM contract awarded for Tojo solar power project, Japan
- 06. · PM contract awarded for IPP project, Papua New Guinea
- 09. · Acquired “iArc” architects
- 10. · PM contract awarded for Hana Dreamtown development project Phase 1 (Hana Financial Group Integrated Data Center)

## 2015

- 01. · Implemented business division system
- 03. · PM contract awarded for Samsung Electronics Pyeongtaek Factory 1
- 04. · Opened Chongqing office of China branch
- 09. · Established Otak Japan Inc. as Japan branch

## 2016

- 03. · PM contract awarded for Goseong Green Power IPP
- 06. · PM contract awarded for Delhi International Airport Convention Center, India
- 06. · Established HanmiGlobal E&C
- 07. · PM contract awarded for Samsung SDI battery plant in Hungary
- 12. · Walk Together architects acquire social enterprise certification (2016-253)
- 12. · Chairman Kim Jong-hoon publishes “Passion for Perfection”

## 2017

- 01. · Otak acquires DAY CPM (American CM/PM firm)
- 02. · Lotte World Tower ultra-high-rise completed
- 04. · PM contract awarded for Hana Dreamtown development project Phase 2 (Hana Financial Group Global Campus)
- 05. · Earthquake consulting agreement with British engineering firm ARUP
- 07. · Otak acquires American civil/structural engineering firm Loris & Associates
- 07. · Entry into Chilean photovoltaic power project PM business
- 11. · Joint venture “Al Akaria Hanmi” established in Saudia Arabia

## 2018

- 01. · Al Akaria Hanmi awarded PMO contract for Al Widyan new city development project in Saudi Arabia
- 02. · Established Happy Construction Consulting office
- 04. · MOU with China State Construction Overseas Development
- 05. · MOU with Seoul Housing and Communities Corporation to promote overseas business
- 06. · Shared office “Innospace” opened
- 08. · PM contract awarded for Shinsegae Starfield Anseong
- 12. · 300th ‘Dream House’ completed under social welfare foundation Walk Together’s spatial welfare support program

## 2019

- 01. · PM contract awarded for Shinsegae Starfield Cheongna
- 01. · First tenants move into Bangbae Maestro, the first project in Korea completed using the universal design method
- 04. · MOU with Constructing Excellence (British construction industry association)
- 06. · PM contract awarded for Korea pavilion, 2020 Dubai EXPO
- 09. · Otak acquires K2 group (British PM firm)
- 10. · PMO contract awarded for Chinchero International Airport project

## 2020

- 03. · Established HanmiGlobal PMC
- 06. · Chairman Kim Jong-hoon publishes “PRECON: Perfection from the Start”
- 12. · MOU with global general real estate services company JLL

## 2021

- 03. · PM contract awarded for SK Hospital in Wuxi, China
- 05. · Special PMO consultancy contract awarded for “NEOM the Line” smart city project in Saudi Arabia
- 07. · Landmark Development (LMD) renamed as HanmiGlobal D&I
- 12. · Established HanmiGlobal AMC
- 12. · Otak acquires Tarr Whitman Group (American PM firm)
- 12. · Surpassed KRW 250 billion in sales

## 2022

- 01. · Established US branch
- 01. · PM contract awarded for Hana Dreamtown development project Phase 3 (Hana Financial Group Headquarters)
- 03. · Established Poland branch
- 07. · Otak acquires Walker Sime (United Kingdom PM firm)

# Awards and Achievements

## 2001

- 12. · Chairman Kim Jong-hoon awarded “Construction Management Award” by the Federation of Construction Associations

## 2002

- 12. · Chairman Kim Jong-hoon awarded Sport Merit Medal for successful construction of Seoul World Cup Stadium

## 2003

- 10. · “2003 Best Places to Work in Korea” award

## 2004

- 07. · Received Green Residential Culture Award in construction segment from Herald Economic Daily
- 10. · “2004 Best Places to Work in Korea” award
- 12. · Received Maekyung Booz Allen “2004 Knowledge Management Award”

## 2005

- 03. · Chairman Kim Jong-hoon named among “Korea’s Top 100 CEOs” (Maekyung Economy magazine)
- 10. · “2005 Best Places to Work in Korea” Award
- 12. · “2005 Digital Knowledge Management Award” from Ministry of Information and Communication
- 12. · Prime Minister Award, 12th Annual Corporate Innovation Awards

## 2006

- 03. · Chairman Kim Jong-hoon named among “Korea’s Top 100 CEOs” for 2nd time (Maekyung Economy Magazine)
- 06. · 2006 Korean BSC Awards (Hankyung-Wesley Quest)
- 07. · “2006 Best Places to Work in Korea” award
- 10. · Ranked 18th in global PM/CM firm rankings by ENR (Engineering News Record) of US

## 2007

- 09. · Prime Minister’s commendation, National Productivity Awards
- 09. · 1st place in Ministry of Land, Transport and Infrastructure Construction PM Capacity Evaluation for 4th consecutive year
- 12. · Grand prize, “2007 Best Places to Work in Korea”

## 2008

- 01. · 2008 Award for IMI Knowledge Management Excellence from Federation of Korean Industries
- 03. · Chairman Kim Jong-hoon receives “Prime Minister Award” on Fair Transactions Day
- 03. · Chairman Kim Jong-hoon named among “Korea’s Top 100 CEOs” for 3rd time (Maekyung Economy Magazine)
- 08. · “Peter Drucker Innovation Award” for CEO innovation (Peter Drucker Society)
- 10. · Grand prize, construction segment, “2008 Best Places to Work in Korea”
- 12. · Chairman Kim Jong-hoon receives “Proud Korean Award” for contribution to construction industry (Journalists Federation of Korea)

## 2009

- 03. · Chairman Kim Jong-hoon named among “Korea’s Top 100 CEOs” for 4th time (Maekyung Economy Magazine)
- 06. · Plaque of appreciation from “Sarang House” social welfare foundation and commendation from Minister of Land, Transport and Maritime Affairs
- 10. · Overall grand prize, “2009 Best Places to Work in Korea”
- 11. · Named “Family-friendly Enterprise” by Ministry of Gender Equality and Family
- 11. · Grand Prize for best initial report, Ministry of Knowledge Economy Sustainable Management Awards
- 12. · Prime Minister’s commendation for merit in community service

## 2010

- 03. · Chairman Kim Jong-hoon named among “Korea’s Top 100 CEOs” for 5th time (Maekyung Economy Magazine)
- 06. · Named “Good Labor-Management Relations Enterprise” by Ministry of Employment and Labor
- 10. · Jo Hae-hyung Management Science Award

## 2011

- 03. · Chairman Kim Jong-hoon awarded “Korea’s Best Creative Management Award” for future management for 3rd consecutive year (JoongAng Ilbo)
- 03. · Chairman Kim Jong-hoon named among “Korea’s Top 100 CEOs” for 6th time (Maekyung Economy Magazine)
- 04. · 2011 Top 10 Best Employer in Korea
- 11. · Grand Prize, Services Sector, “2011 Best Places to Work in Korea”

## 2012

- 03. · Chairman Kim Jong-hoon named among “Korea’s Top 100 CEOs” for 7th time (Maekyung Economy Magazine)
- 07. · Award for Excellence, 9th Annual Seoul Women’s Awards
- 10. · White Block Gallery (HanmiGlobal CM-at-Risk project) awarded 2012 American Architecture Award

## 2013

- 02. · 2013 Top 10 Best Employer in Korea (2nd consecutive year)
- 03. · Chairman Kim Jong-hoon receives 2013 National Academy of Engineering of Korea Award
- 03. · Chairman Kim Jong-hoon named among “Korea’s Top 100 CEOs” for 8th time (Maekyung Economy Magazine)

## 2014

- 03. · Chairman Kim Jong-hoon named among “Korea’s Top 100 CEOs” for 9th time (Maekyung Economy Magazine)
- 08. · 1st place in Ministry of Land, Transport and Infrastructure Construction PM Capacity Evaluation

## 2015

- 02. · 2015 Top 10 Best Employer in Korea (3rd consecutive year)
- 03. · Chairman Kim Jong-hoon awarded Silver Tower Order of Industrial Service Merit
- 03. · Chairman Kim Jong-hoon named among “Korea’s Top 100 CEOs” for 10th time (Maekyung Economy Magazine)
- 08. · Named “Good Labor-Management Relations Enterprise” by Ministry of Employment and Labor

## 2016

- 03. · Chairman Kim Jong-hoon named among “Korea’s Top 100 CEOs” for 11th time (Maekyung Economy Magazine)
- 07. · 2016 Top 10 Best Employer in Korea (4th consecutive year)
- 09. · Chairman Kim Jong-hoon wins 25th Annual Dasan Management Award (Founder-CEO segment), (Korea Economic Daily)

## 2017

- 03. · Chairman Kim Jong-hoon named among “Korea’s Top 100 CEOs” for 12th time (Maekyung Economy Magazine)
- 06. · Chairman Kim Jong-hoon receives “Proud Alumnus Award” from Seoul National University College of Engineering
- 10. · 2017 Top 10 Best Employer in Korea (5th consecutive year)
- 11. · Chairman Kim Jong-hoon receives “Best Strategic Management Award” from Korean Society of Strategic Management

## 2018

- 03. · Chairman Kim Jong-hoon named among “Korea’s Top 100 CEOs” for 13th time (Maekyung Economy Magazine)

## 2019

- 03. · Chairman Kim Jong-hoon named among “Korea’s Top 100 CEOs” for 14th time (Maekyung Economy Magazine)
- 07. · Named “Good Labor-Management Relations Enterprise” by Ministry of Employment and Labor
- 08. · Ranked 9th in global PM/CM firm rankings by ENR (Engineering News Record) of US
- 10. · Grand Prize awarded by Ministry of Culture, Sports and Tourism at 6th Annual Korean Corporate Book Reading Culture Awards

## 2020

- 04. · Chairman Kim Jong-hoon named among “Korea’s Top 100 CEOs” for 15th time (Maekyung Economy Magazine)

## 2021

- 07. · Named “Top Korean Employer” by Ministry of Employment and Labor
- 08. · Ranked 10th in global PM/CM firm rankings by ENR (Engineering News Record) of US
- 11. · “A” rating in 2021 ESG Evaluation of Listed Enterprises by Korea Corporate Governance Service
- 11. · “AA” rating in ESG evaluation company Sustainvest’s 2021 2H ESG Evaluation (3d among 1,004 listed corporations and 1st in capital goods sector)

# Global Network

- Corporation
- Branch · Office
- Group



## Head office

### HanmiGlobal

9F, 36, Teheran-ro 87-gil (City Airport Tower Building), Gangnam-gu, Seoul, Korea  
 TEL: +82-2-3429-6300 / FAX: +82-2-3429-6363/4  
[www.hanmiglobal.com](http://www.hanmiglobal.com)

## Corporation / Branch · Office

**China (Shanghai)** HanmiGlobal Construction (Shanghai) Co., Ltd.  
 Room B2602 The Place, No.100 Zunyi Road, Shanghai 200051, China  
 TEL : +86-21-6385-8713 / FAX : +86-21-6385-5907

**Saudi Arabia** HanmiGlobal Saudi  
 Suite No.419, 4th Floor, Akaria Tower No.2, Olaya St., Riyadh Kingdom of Saudi Arabia  
 TEL : +966-11-293-8267 / FAX : +966-11-416-9714

**Vietnam** HanmiGlobal Vietnam Co., Ltd.  
 Unit 1501, 15th floor, Vinaconex 9 Tower, Lot HH2-2, Pham Hung Street, Me Tri Ward, Nam Tu Liem District, Hanoi, Vietnam  
 TEL : +84-96-114-5863, +84-70-7118-1395

**Japan** OTAK JAPAN Inc.  
 4F Kato Building, Shiba-daimon 2-9-14, Minato-ku, Tokyo 105-0012, Japan  
 TEL : +81-3-6459-0728 / FAX : +81-3-6459-0729

**US** HanmiGlobal USA, Inc.  
 651 N. Broad St., Suite 206, Middletown, Delaware 19709, USA

**UK** HanmiGlobal UK Limited  
 Peterbridge House 3 The Lagkes Northampton, Northamptonshire, United Kingdom, NN4 7HB  
 TEL : +44-012-9355-5545

**Hungary** HanmiGlobal Hungary Co., Ltd.  
 1068 Budapest, Kiraly utca 80. Hungary

**India** HanmiGlobal India Private Ltd.  
 Unit No. 1408, 14th Floor, Palm Spring Plaza, Golf Course Road, Sector 54, Gurgaon - 122002, Haryana, India  
 TEL : +91-0124-406-2935

**Poland** HanmiGlobal PL sp. z o.o.  
 ul. Józefa Piłsudskiego 17/4, 35-074 Rzeszów, Poland

**Indonesia** Liaison Office  
 Synthesis Square Tower II, Lt.5, Jalan Jend. Gatot Subroto Kav. 64/177A, Menteng Dalam, Tebet Jakarta Selatan 12870, Indonesia  
 TEL : +62-21-2854-1440

**Libya** Branch · Office  
 Villa in Abul-Ashher Tajoura, Tripoli, Libya  
 TEL : +218-91-694-6248

**Philippines** Branch · Office  
 Unit 1 Lanceta Town House, #20 Brgy. Barandal, Calamba City, Laguna, Philippines  
 TEL : +63-919-584-0260

**Peru** Branch · Office  
 Av. Ricardo Rivera Navarrete N° 395, Oficina N° 2103, Urb. Jardín, distrito de San Isidro, provincia y departamento de Lima  
 TEL: +51 944 267 395



## Group

**Otak**  
 Suite 300, 808 SW 3rd Ave, Portland, OR 97204-2400, USA  
 TEL : +1-503-287-6825 / FAX : +1-503-415-2304  
<https://www.otak.com>

**Otak CPM**  
 Suite 300, 808 SW 3rd Ave, Portland, OR 97204-2400, USA  
 TEL : +1-503-641-4100  
<https://www.daycpm.com>

**Tarr Whitman Group**  
 11241 Willows Road NE, Suite 200, Redmond, WA 98052, USA  
 TEL : +1-425-822-4446  
<http://www.twgrouppllc.com>

**k2 Consultancy Group**  
**[London Office]**  
 4th Floor, 7 Holyrood Street, London SE1 2EL  
 TEL : +44-01293-555545

**[Gatwick Office]**  
 3 City Place, Beehive Ring Road, Gatwick, West Sussex RH6 0PA  
 TEL : +44-01293-555545  
<https://www.k2consultancy.com>

**Walker Sime**  
**[Manchester Office]**  
 The Cornerhouse Fourth Avenue Trafford Park Manchester M17 1DB  
 TEL : +44-161-872-9955

**[Liverpool Office]**  
 No8 Princes Parade Princes Dock Liverpool L3 1BG  
 TEL : +44-151-243-3640

**[Leeds Office]**  
 West One Wllington Street Leeds LS1 1BA  
 TEL : +44-113-388-4797  
<https://www.walkersime.co.uk>

**Ecosian**  
 8F, 65, Digital-ro 9-gil (Baeksang Star Tower 1), Geumcheon-gu, Seoul, Korea  
 TEL: +82-2-2621-9800 / FAX: +82-2-6111-7226  
<http://www.ecosian.com>

**iArc**  
 5F, 7, Teheran-ro 77-gil (Dongwon Building), Gangnam-gu, Seoul, Korea  
 TEL: +82-2-571-4894 / FAX: +82-2-571-5443  
<http://www.iarc.net>

**HanmiGlobal PMC**  
 11F, 36, Teheran-ro 87-gil (City Airport Tower Building), Gangnam-gu, Seoul, Korea  
 TEL: +82-70-7118-1330

**HanmiGlobal E&C**  
 11F, 36, Teheran-ro 87-gil (City Airport Tower Building), Gangnam-gu, Seoul, Korea  
 TEL: +82-70-7118-1438 / FAX: +82-2-541-9149  
<http://www.hanmiglobalenc.com>

**HanmiGlobal D&I**  
 14F, 465, Gangnam-daero (Kyobo Tower A), Seocho-gu, Seoul, Korea  
 TEL: +82-2-2144-8500 / FAX +82-2-2144-8514  
<http://www.hanmiglobaldni.com>

**HanmiGlobal AMC**  
 14F, 465, Gangnam-daero (Kyobo Tower A), Seocho-gu, Seoul, Korea  
 TEL: +82-2-2144-8515 / FAX +82-2-2144-8516  
<http://www.hanmiglobalamc.com>

## Joint Venture Company

**Turner & Townsend Korea**  
 6F, 36, Teheran-ro 87-gil (City Airport Tower Building), Gangnam-gu, Seoul, Korea  
 TEL: +82-70-7118-2800 / FAX: +82-2-551-2150  
<https://www.turnerandtowntsend.co.kr>

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