



HanmiGlobal

Global Business

Around the world with HanmiGlobal



Building

Infrastructure

Plant

Global Business

HanmiGlobal

HanmiGlobal was formed as a joint venture in 1996 with the Parsons Corporation of America, one of the world's leading Construction Management Companies. As the first company in Korea to specialize in CM, we are considered Korea's leading CM firm. Since the company's inception, HanmiGlobal has successfully completed over 800 domestic and overseas projects and was ranked the 18th CM Company (non-USA) by the U.S.-based ENR magazine.

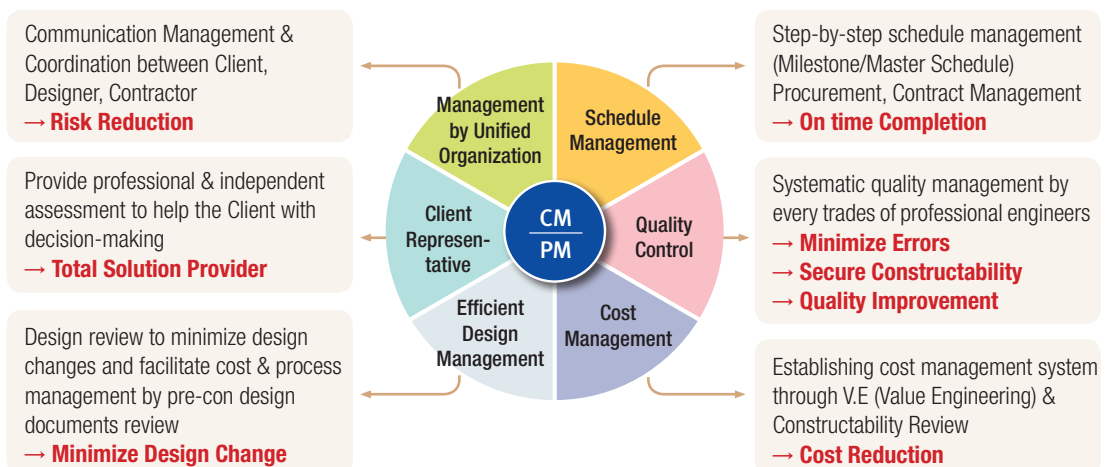
HanmiGlobal manages the entire project on behalf of the Client through every stage of the construction process: from planning to design, procurement, construction and maintenance. We also offer comprehensive management to produce the finest construction within budget and on time by reducing construction cost and enhancing the quality through minimizing the risk and raising the investment value.

Furthermore, HanmiGlobal established T & T Korea through a joint venture partnership with QS Company Turner & Townsend (T & T) and an M & A with architecture, social infrastructure and urban planning company OTAK of America to step forward to develop itself into an eco-friendly and globalized company.

Scope of Overseas Business



Services & Effect



Overseas Business

► Over 40 countries, over 100 projects

Starting with China, we have expanded our business in other countries in Asia, Africa, the Middle East, South America, and even in the birthplace of CM, the U.S. We are taking our collective experience, project management capabilities and determination worldwide.

HanmiGlobal has entered markets in around 40 countries. In 2003, we established a local subsidiary in China and in 2007, in UAE, which is our launch pad for entering into the Middle East. So far, HanmiGlobal has established 7 subsidiaries worldwide. We have also entered into Central and South America and Africa including Mexico and are introducing Korea's excellent Construction Management solution to these markets.

► Overseas Subsidiaries/ Branches

In 2003, established Subsidiary Office in **Shanghai, China**

In 2007, established Subsidiary Office in **Dubai** and entered into the Middle East & Central America including Mexico.

So far, established **7 subsidiaries or branch offices in Dubai/Abu Dhabi of UAE, Saudi Arabia, China, Macau, Vietnam, Libya**



Hanmi Global Families



U.S.A

OTAK

Subsidiary company in USA

A Planning & Urban Design company which actively performs various projects in the USA and the Middle East region. Its head office is in the USA.



Turner & Townsend

UK

Turner & Townsend Korea

Joint-venture company in Seoul, Korea

A joint-venture company with Turner & Townsend (UK), a global professional Cost Management company with branch offices in 50 countries.

Strategic Alliances

HanmiGlobal strives to fulfill the Client's business improvement as a 'Total Solution Provider' by establishing partnerships with the world class architecture, consulting and professional engineering companies related to construction: Mitsubishi Jisho Sekki, Rosenwasser/ Grossman, Syska & Henessy, Ove Arup, CB Richard Ellis, etc.

Building

HanmiGlobal has been involved, in high-rise buildings, mixed-use buildings, offices, commercial & retail buildings, factories, sport facilities, housings, medical facilities, tourist facilities, educational/cultural facilities, religious facilities etc., locally and in more than 100 projects for educational facilities, housings, hotels, offices, resorts overseas in around 40 different countries.

Based on these projects, HanmiGlobal promises to execute your project successfully for design management, quality management, process control and cost management as a Total Solution Provider.

► Overseas Business Performance Plan

HanmiGlobal creates successful results as follows to provide the optimized solution:

- Produces optimized design reflecting the Client's requirements from the design phase.
- Enhancement of design completeness and reflection of constructability through Design review and management (DR & DM) to prevent delay and risk management
- Reduce construction and maintenance costs in initial steps of the design and pre-construction stage through Value Engineering (VE)
- Manages on-time, within budget, high quality and safety

► High-rise Projects

Especially, the following factors must be considered for high-rise projects:

- Review and technical support by professionals who are specialized in overseas projects and high-rise buildings (DR, Construction Plan, Special Consulting, etc.)
- Draw up methodology including key issues of high-rise buildings
- Coordination through smooth communication is an important factor in construction, HanmiGlobal, which has participated in 60~70% of high-rise projects in Korea, can achieve a successful high-rise projects in overseas.



Jamsil LOTTE Super Tower

Location Jamsil, Seoul, Korea

Height 555m

Floor 123F



Yeoido PARC 1

Location Yeoido, Seoul, Korea

Floor 72F



Haeundae I-Park

Location Haeundae, Busan, Korea

Floor 72F



Tower Palace I, II, III

Location Samsung, Seoul, Korea

Floor 42~69F



Hyundai I-Park

Location Samsung, Seoul, Korea

Floor 47F



Libya Housing & Infra

Client Housing & Infrastructure Board (HIB)
 Location Benghazi, Libya
 Size 8,000,000 m²



Information Tech. & Communication Complex

Client Public Pension Agency (PPA)
 Location Riyadh, Saudi Arabia
 Size 1,136,369 m²
 Usage Hotel, Apartment, Office, Cultural Center, etc.



Hanoi City Complex

Client Coralis Vietnam
 Location Hanoi, Vietnam
 Size 253,395 m²
 Floor B5, 65F



Macau Sands Casino

Client The Venetian Macau
 Location Cotai Strip, Macau
 Size 73,000 m²
 Floor B1, 7F



Holiday Inn Plaza

Client Changshu Zhongjiang
 Property
 Location Changshu, China
 Size 72,666 m²
 Floor B2, 19F



Korean Embassy in Kuwait

Client Ministry of Foreign Affairs
 & Trade
 Location Mishref, Kuwait
 Size 3,085 m²



2010 Shanghai Expo Korea Pavilion

Client KOTRA
 Location Shanghai, China
 Size 7,000 m²
 Floor 3F



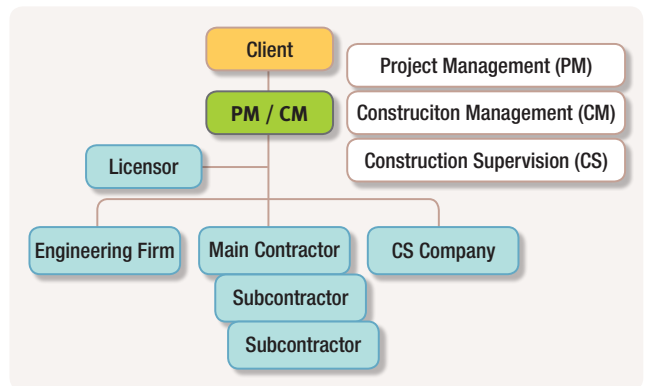
Vietnam IT College

Client KOICA
 Location Da Nang, Vietnam
 Size 15,494 m²
 Floor 3F

Infrastructure & Plant

HanmiGlobal provides project control and management capability in Private-Public Partnership (PPP) and private investment for the field of infrastructure and plant projects. In order to acquire that goal, HanmiGlobal monitors project cost, construction cost, operation and management (O&M) cost while proposing opinions on the project and coordinating the business partners.

Moreover, in order to perform the project successfully for the Clients, HanmiGlobal establishes a "Committee" with business partners from the planning stage.



Project Management (PM)

- ▶ **Project Plan** In order to produce successful outcomes for the Clients, HanmiGlobal has allied itself with both domestic and international engineering and business management enterprises which have advanced technologies. Project plan stage includes review of regulations, market research and analysis, feasibility study and supporting the communication between the Client and overseas enterprise.
- ▶ **Project Management** PM includes responsibilities such as contract management, cost management, schedule management, quality management, technology management, etc.
- ▶ **Technical Advice** Provide latest technology and trend related to design, construction, management, Value Engineering (VE) and constructability.

Construction Phase CM/CS

- ▶ **Schedule Management** Review the baseline schedule where estimation, cash flow and resources can be managed at one time to carry out the efficient process and valid schedule. The task also includes monitoring of the current process and study of recovery plan for delay in process.
- ▶ **Cost Management** Control the construction cost efficiency by managing the changes in design between the Clients and the Contractor and through Value Engineering (VE) during construction phase, adjust the construction cost so as not to exceed the budget.
- ▶ **Quality Management** Review the quality control plan (QA & QC) of the Contractor and manage the quality according to the quality management schedule. The plan includes management of site inspection, construction defects, delay and change in design, etc.
- ▶ **Project Management (General)** Manage the project by carrying out duties such as contract review, budget review, document control, health/safety/environmental management, communication support

Technical Advisor (TA)

- ▶ **Technical Advisor** Provide technical advice for design review, cost management, operational system.
- ▶ **Monitoring** Not only monitoring business plan, construction progress, procurement, utilization certificate, monthly/quarterly report and submission, but also emphasizing on the on-going process and forecasting the future.

Due Diligence (DD)

- ▶ **Due Diligence (DD)** Determine the structures' condition and value from planning, construction and administration stages and establish the report.

Port/Dry Dock



Oman Drydock

Client Oman Drydock Company
 Period 2006~2010
 Location Duqm, Oman
 Size 1,136,369m²
 Usage Dry Dock 410 x 95m, 410 x 80m
 Dock 2,800m, 36 Buildings (9,600m²)
 12 Cranes(100 tons, 80 tons, 40 tons)

► Scope

- Pre-Con: Master plan including design review, schedule, selection of Construction Company, etc.
- CS: Construction Management, Quality Management, etc.
- O&M: Administrative Duty



Malaysia MMHE Yard Optimization

Client Malaysia Marine and Heavy Engineering
 Period 2009~2013
 Location Johor Bahru, Malaysia
 Size Dry Dock No.3 (385m x 80m x 14m)

► Scope

- Project Management (PM)
 - Business plan and schedule establishment
 - Yard Optimization Plan



Pusan Newport North Container Terminal Phase 1

Client PNC
 Period 2001~2009
 Location Pusan and Jinhae, Gyeongnam, Korea
 Size 9tracks, 39 buildings, dock 3,200m
 Quay Crane, RMGC

► Scope

- CM: Schedule Management, Quality Management, Business Management (General)
- LTA
- Due Diligence



Pusan Newport North Container Terminal Phase 2-3

Client BNCT
 Period 2008~2011
 Location Gadokdo, Pusan, Korea
 Size 4tracks, 12 buildings, dock 1,400m
 Quay Crane, ARMGC

► Scope

- LTA
 - Monitoring: Schedule Management, Quality Management, Report
 - Technical Advice

New Transportation System

Collaboration Agreement

HanmiGlobal and Urbanaut of America have entered into an extensive business partnership in the field of new transportation system to jointly participate in the monorail business with Urbanaut's innovative technology.

Urbanaut®: Patent for Urbanaut Monorail

Established in 1996, Urbanaut, one of the famous monorail companies, specialized in monorail plan, design, research and development, manufacturing, construction, testing and operating, etc.

Urbanaut Monorail System

► Bogie/ Wheel Motor

Bogie frame is made out of aluminum, stainless steel and other composite materials and there are two bogies for each vehicle which can be used on a Y-shape Guide Way.

► Guide Way

Guide Ways are constructed according to the Precast/ Post-tension method and the system allows for free spans of 45 m between foundations which can be constructed in short time.

► Station

Stations are custom designed, but by standardizing stations for a specific project, the costs can be reduced.

► Switch System

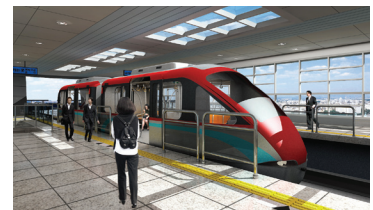
A flexible high speed switch for normal speed and a swivel switch for two or more guide ways crossing each other at the same level.

► Prevention and Rescue System

In case of emergencies, automatic sprinkler system, poisonous gas cutout valve, emergency escape suit, hatch and in-car gangway, etc. are installed.

► Automated Drive

There is a system to operate and control auto drive.



Advantages of Urbanaut Monorail

- New technology: Newer technology than the original monorail
- Economy: Less costly to build, operate and maintain (30~40% reduced)
- Environmental friendly: Less environmental impact, noiseless rubber tires
- Guide Way: More efficient than Beam Way system (Switch system)



Wolmido Monorail

Client	Incheon Transit Corporation
Period	2008~2010
Location	Wolmido, Incheon, Korea
Size	6.3 km Track, 4 Stations, 1 Garage

► Duty of Urbanaut

- Provide Urbanaut's Technology
- Technical Advice

Urban Development



Libya Housing & Infrastructure

Client Housing & Infrastructure Board (HIB)
 Period 2009~2013
 Location Benghazi, Libya
 Size Al Khathra New Town 8,850,000m²
 Ghanfuda New Town 16,590,000m²

► Scope

- Construction Supervision (CS)



Tangeong Techno Complex

Client Samsung Electronics
 Period 1999~2011
 Location Asan, Chungnam, Korea
 Size 2,314,060m²

► Scope

- Construction Management (CM) & Construction Supervision (CS)



Muan Company Town

Client MECD
 Location Jeonnam, Muan District, Korea
 Size 40.3km²
 Usage Han Jung Industry Zone, Marine Environment Zone, etc.

► Scope

- Project Management (PM)



DUQM Frontier Housing Project

Client Duqm Development Company SAOC
 Location Duqm, Oman
 Size 1,845,608m²
 Usage Apartment, Villa, Business/Amenities, etc.



Asia Polis

Client Asia Polis
 Period 2006~2011
 Location Daegu, Korea
 Size 1,176,956m²



Songdo New Town, 125 Block

Client POSC E&C Company
 Location Incheon, Songdo, Korea
 Size 531,606m²
 Floor B2, 64F



Daejeon Smart City

Client Smart City
 Location Daejeon, Korea
 Size 554,737m²
 Floor B2, 39F



Vietnam Song Gia Resort

Client AMCO
 Location Hai Phong, Vietnam
 Size 5,321,000m²
 Usage Golf Course, Condo, Villa, Club House, etc.



National Ecological Park

Client Ministry of Environment
 Location Seocheon gun, Chungnam, Korea
 Size 998,000m²
 Usage In-door ecological park, Environmental Research Center, etc.



Alpensia Resort

Client Gangwondo Development Corporation
 Period 2005~2009
 Location Pyeongchang, Gangwondo, Korea
 Size 4,919,568m²



Dong Gang Resort

Client Dong Gang Cistar
 Period 2006~2007
 Location Youngwol, Gangwondo, Korea
 Size 866,727m²

Water Resource Facility

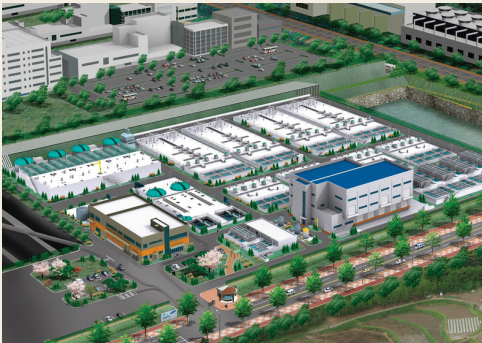


Asan Tangeong Water Supply Facility

Client Samsung Electronics
Period 2003~2011
Location Asan, Chungnam, Korea
Size Purification Plant 175,000m³/day,
Pipe Line 6.4 km

► Scope

- Construction Management (CM) & Construction Supervision (CS)



Asan Tangeong Wastewater Treatment Facility

Client Samsung Electronics
Period 2008~2011
Location Asan, Chungnam, Korea
Size 130,000m³/day

► Scope

- Construction Management (CM) & Construction Supervision (CS)

Energy & Generation Facility



345KV Substation

Client Samsung Electronics
Period 2007~2010
Location Asan, Chungnam, Korea
Size 17,669m²

► Scope

- Construction Management (CM) & Construction Supervision (CS)



ECH Plant

Client Samsung Fine Chemicals
Period 1996~1998
Location Ulsan, Korea
Size AC 30,000 MTPA, ECH 30,000 MTPA

► Scope

- Construction Management (CM) & Technical Advice (TA)

Industrial Plant



SK Energy Petrochemicals Plant

Client SK Energy
Period 1996~1998
Location Ulsan, Korea
Size 60,000 MTPA

► Scope

- Construction Management (CM) & Technical Advice (TA)



SSG CPT Plant

Client Samsung Corning
Period 2003~2005
Location Shenzhen, China
Size 212,190m²
Floor 3F, 8 Factory Buildings

► Scope

- Construction Management (CM) & Technical Advice (TA)



Lock & Lock Suzhou Factory

Client Lock & Lock
Period 2007~2009
Location Suzhou, China
Size 96,513m²



Samsung Electronics India Factory

Client Samsung Electronics
Period 2006~2007
Location Chennai, India
Size 15,580m²



Samsung Electronics Mexico Factory

Client Samsung Electronics
Period 2008
Location Queretaro, Mexico
Size 142,889m²



Hynix Semiconductor A Project

Client Hynix Semiconductor Inc.
Location Cheongju, Chungbuk, Korea
Size 331,867m²
Floor B1, 6F



BAT (British American Tobacco)

Client BAT Korea
Location Sacheon, Gyeongnam, Korea
Size 21,214m²
Floor 1F



Exxon Mobil Gumi Factory

Client Exxon Mobil
Period 2008~2009
Location Gumi, Gyeongbuk, Korea
Size 228,493m²



Headquarters **HanmiGlobal Co., Ltd.**
 11th FL., City Air Tower Building, 159-9 Samsung-dong, Kangnam-gu,
 Seoul 135-973, Korea
 TEL 82-2-3429-6300 | FAX 82-2-3429-6363/4

Overseas Subsidiaries/ Branches

China	HanmiGlobal Construction Consulting (Shanghai) Co., Ltd. Room 2602, Tower B, City Center of Shanghai No.100, Zunyi Road, Shanghai 200051, China HanmiGlobal Beijing Office Room 1623, No.16, Guang Shun Nan Avenue, Chao Yang, Beijing 100102
Macau	HanmiGlobal Macau Ltd. Suite F, 7 th FL Zhu Kuan Bldg, 105 Avenida Xin Xing Hai, Macau
Vietnam	HanmiGlobal Vietnam Co., Ltd. 173/36/12D1 Duong Quang Ham, ward 5, Dist. Go Vap, HCMC, Vietnam
Saudi	Hanmi International KSA (LLC) P.O.Box 230942, Riyadh 11321, Office No.9, Bldg No. 496, Takassusi Rahmanya District, Kingdom of Saudi Arabia
Abu Dhabi	Hanmi International Construction Project Management (LLC) P.O.Box No.29439, Office No.9, Mezzanine Fl., Pearl Plaza, Khalidiya, Abu Dhabi, U.A.E
Dubai	Hanmi International Middle East Facilities Management (LLC) P.O.Box No, 502862, Office No. 1413A, Grosvenor Business Tower, TECOM, Dubai, U.A.E
Libya	HanmiGlobal Co., Ltd (Tripoli Branch) Flat 14, 5th FL., Aledikhar Bank Bldg., Ahmad Shaoqe Street, Tripoli, Libya

Subsidiary Companies

OTAK (Headquarters)	OTAK Inc. 17355, SW Boones Ferry Road, Lake Oswego, OR 97035-5217, U.S.A TEL +1-503-635-3618 FAX +1-503-635-5395
OTAK (Abu Dhabi)	OTAK International Inc. P.O.Box 39192, Suite 1503, Al Masood Tower, Hamdan Street, Abu Dhabi, U.A.E Tel: +971-2-621-2611 Fax: +971-2-261-4811

Joint-Venture Company

T & T Korea	Towner & Townsend Korea 11 th FL., City Air Tower Building, 159-9 Samsung-dong, Kangnam-gu, Seoul 135-973, Korea TEL 82-70-7118-2800 FAX 82-2-511-2150
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