

# ENERGY BUSINESS

Around the world with HanmiGlobal

Wind

Solar

Waste to Energy

Fuel Cell and Microgrid

Conventional(Coal & LNG)

## Customer challenge

Communicate, integrate, and control project contractors delivering international standards as required.

## Our solution

With global PMC expertise combined with locals, provide overall project management, engineering review and construction management services

## Value deliver

Make a positive difference to people and ensure community benefited from the project.



Wind Power



Solar Power



Waste to Energy



Fuel Cell and Microgrid



Coal/Oil-Fired Power



LNG/GAS Power

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# 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

### Strategic Priorities



## 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

## Mission



**Integrity** → We think and act with honesty, integrity, and transparency to our colleagues, clients, and other business partners.

**Contribution** → We uphold our reputation as ethical corporate citizens, and actively participate in social contribution activities.

**Safety** → We always put safety first based on respect for human dignity.

**Customer** → We are firmly committed to bringing customer success in all behaviors and system operations.

**Excellence** → We pursue continuous innovation and strive for excellence to deliver high-quality services.

# Energy Business Services



Technical  
Advisor



Due  
Diligence



Feasibility  
Study



Program/Project  
Management



Engineering, Procurement  
and Construction



Independent  
Power Producer



Design  
Review



O&M  
Services

# Wind Power



## Jeju Hanlim Offshore Wind Power Plant

Jeju Hanlim Offshore Wind Power Plant is a project with 100MW of generation capacity and will be the first privately owned mega-scale offshore wind project in Korea. The Client, Jeju Hanlim Offshore Wind, consist of five (5) different shareholders with KEPCO as the major shareholder. HanmiGlobal provides technical services to the Client with the Owner's Engineer role

**Scope** : Owner's Engineer  
**Client** : Jeju Hanlim Offshore wind  
**Location** : Jeju, Korea  
**Capacity** : 100MW(5.56MW x 18Units)

# Wind Power



**01 Uljin Hyunjong Mt Wind Power Plant**  
 Scope :Project Management  
 Client :Uljin Wind Power Co., Ltd  
 Location :Uljin, Korea  
 Capacity :53.4MW(3.6MW x 14Units, 3MW x 1Units)

**02 Saemangeum Offshore Wind Power Plant**  
 Scope :Project Management  
 Client :Saemangeum Offshore Wind Co., Ltd  
 Location :Goosan, Korea  
 Capacity :98.9MW(4.3MW x 23Units)

**03 Yeongyang Wind Power Plant**  
 Scope :Project Management  
 Client :Yeongyang Eco Power  
 Location :Yeongyang, Korea  
 Capacity :75.9MW(3.45MW x 22Units)

**04 Jeju Gasiri Wind Power Plant**  
 Scope :Project Management  
 Client :SK D&D  
 Location :Jeju Island, Korea  
 Capacity :30MW(3.0MW x 10Units)

**05 Gunwi PoongBack Wind Power Plant**  
 Scope :Project Management  
 Client :Poongbaek Wind Power Co., Ltd  
 Location :Gunwi, Korea  
 Capacity :82.5MW(5.5MW x 15Units)



## Solar Power



## Yeongam Solar Power Plant

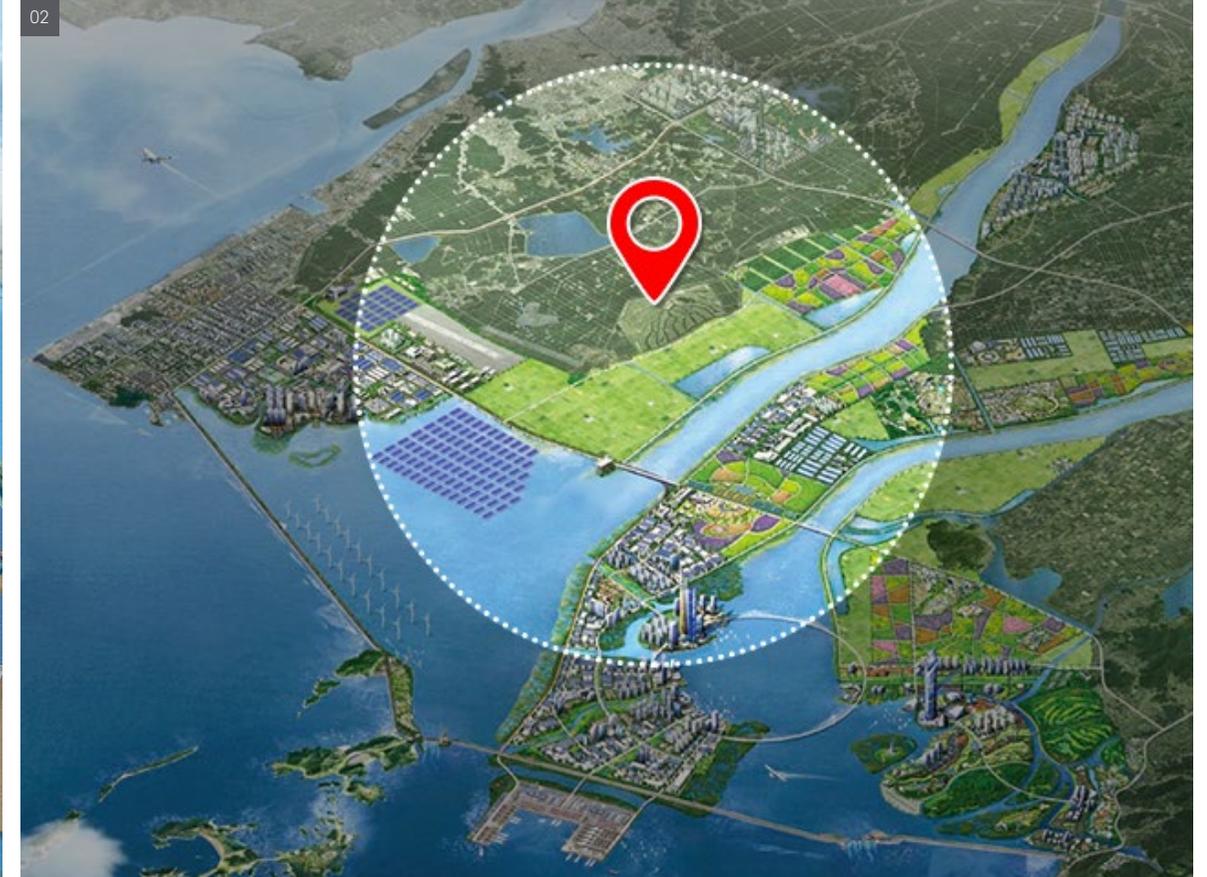
Yeongam Photovoltaic Power Plant is located in Hwalseongsan where the site was an abandoned ranch near the existing wind farm. The total site area is 296ha which is similar to Yeouido's area. Total 246,000 PV module produces 120GWH electricity for a year, and it supplies electricity to 28,000 houses. Also, the adopted Energy Storage System(ESS) enables to secure grid reliability and power quality. HG's PM services shortened the construction period and made COD start by six months earlier, maximizing the Client's profit.

**Scope** :Project Management  
**Client** :Yeongam Solar Power  
**Location** :Yeongam, Korea  
**Capacity** :100MW

# Solar Power



**01 Anjwa Solar Power Plant Phase I & II**  
 Scope : Project Management  
 Client : Anjwa SmartPower Plant Solar City Corporation  
 Location : Sinangun, Korea  
 Capacity : Phase1: 96MW / Phase2: 204MW



**02 Saemangeum Floating Solar Plant and Grid Connection**  
 Scope : Project Management  
 Client : Saemangeum Solar Power  
 Location : Gunsan, Korea  
 Capacity : 300MW

# Solar Power



**03 Daejeon Bicycle Road Solar Power Plant**  
 Scope : Engineering, Procurement and Construction  
 Client : Haeom  
 Location : Daejeon, Korea  
 Capacity : 1MW

**04 Inje Solar Power Plant**  
 Scope : Engineering, Procurement and Construction  
 Client : Hanmi Inje  
 Location : Inje, Korea  
 Capacity : 1MW

**05 Chile Solar Power Plant**  
 Scope : Project Management  
 Client : KOSPO  
 Location : Santiago, Chile  
 Capacity : 57.92MW

**06 Kirishma Solar Power Plant**  
 Scope : Project Management  
 Client : SolariantPortfolio Two GK  
 Location : Jasolar, Hanhwa Q cell  
 Capacity : 41MW

**07 Tojo Solar Power Plant**  
 Scope : Project Management  
 Client : Mega Solar Factory  
 Location : Shobara, Japan  
 Capacity : 33MW

**08 Okayama Misaki Solar Power Plant**  
 Scope : Project Management  
 Client : IT Solar 3  
 Location : Misaki, Japan  
 Capacity : 34MW

## Waste to Energy



## Ulsan Waste to Energy Project

Ulsan Waste to Energy (WtE) plant is a project of "Resource recovery facilities" incinerating up to 220.8 t/d SRF industrial waste to generate steam of 60 t/h. To maximize its productivity and availability the project has an understanding of DOR (Division of Responsibility) with suburb facilities to avoid overlapped investment in the project. The CODs was July, 2016.

**Scope** :Project Management

**Client** :KR Energy

**Location** :Ulsan, Korea

**Capacity** :220.8 t/d

# Waste to Energy



**01 SS Energy Recycling Plant**  
 Scope : Engineering, Procurement and Construction  
 Client : SS Energy  
 Location : Wonju, Korea  
 Capacity : 347 ton/day

**02 Nonsan Biomass Power Plant**  
 Scope : Project Management  
 Client : Korea Ratings Co., Ltd  
 Location : Nonsan, Korea  
 Capacity : 10.26MW

**03 Food Waste Treatment Facility**  
 Scope : Technical Advisor  
 Client : Macquarie Capital Korea  
 Location : Icheon & Seoul, Korea  
 Capacity : 2650 ton/day

**04 Medical Waste Facility**  
 Scope : Technical Advisor  
 Client : Korea Ratings Co.,Ltd  
 Location : Yongin, Korea  
 Capacity : 4.84MW, 20Gcal/h

**05 Thailand Municipal Solid Waste Recycling Project**  
 Scope : Technical Advisor  
 Client : Thailand Environment Infra  
 Location : Samut Sakhon, Thailand  
 Capacity : 700 ton/day

**06 Hwaseong Recycling Plant**  
 Scope : Engineering, Procurement and Construction  
 Client : GE Chemical  
 Location : Hwaseong, Korea  
 Capacity : 135 ton/day

# Fuel Cell and Microgrid



Scope : Project Management  
 Client : SK E&S  
 Location : Seoul, Korea  
 Capacity : 30MW

## Godeok Green Energy Power Plant

This project delivered a 20MW capacity Fuel Cell Power Plant in unused land near metro depot in order to increase Seoul city energy-independence. Seven (7) units of 2.8MW capacity Molten Carbonate Fuel Cell were installed at a cost of \$9.3 Million.

Scope : **Project Management**  
 Client : **SK E&S**  
 Location : **Seoul, Korea**  
 Capacity : **30MW**



### 01 Oseong Fuel Cell Power Plant

Scope : Feasibility Study  
 Client : KEPCO-ES Co., Ltd  
 Location : Pyeongtaek, Korea  
 Capacity : 9.68MW

### 02 Incheon Fuel Cell Power Plant

Scope : Technical Advisor  
 Client : Pastem Gren Energy.  
 Location : Incheon, Korea  
 Capacity : 20MW

### 03 Dominican Republic Microgrid Project

Scope : Feasibility Study  
 Client : Electric Power Public Tasks  
 Evaluation & Planning Center  
 Location : Dominican Republic  
 Capacity : Renewable energy, Electric Vehicles, ESS,  
 Residential

### 04 SmartZero Energy City

Scope : Technical Advisor  
 Client : GS E&C  
 Location : Busan, Korea  
 Capacity : 60MW, 109Gcal/h

## Coal/Oil-Fired Power



## Goseong Hai Thermal Power Plant

Goseong Hai #1,2 USC (Ultra-Supercritical) coal-fired power plant constructed two (2) 1040MW units of generation capacity. It is the largest IPP (Independent Power Project) in Korea. Hanmiglobal (HG) provides Project Management Services during the Construction and Commissioning Phases of the project.

**Scope** : Project Management  
**Client** : Goseong Green Power  
**Location** : Goseong, Korea  
**Capacity** : 2,080MW

# Coal/Oil-Fired Power



**01 Khabat Oil-Fired Power Plant**

Scope : Owner's Engineer  
 Client : MOE (Ministry of Electricity)  
 Location : Erbil (Kurdish Region), Iraq  
 Capacity : 300MW((150MW x 2\_Oil-fired & 400kV Substation)

**02 Papua New Guinea Diesel Power Plant**

Scope : Project Manager  
 Client : Daewoo PNG Power Ltd.  
 Location : Lae City, Papua New Guinea  
 Capacity : 34 MW

**03 Gimcheon Energy Fuel Conversion**

Scope : Technical Advisor  
 Client : Gimcheon Energy  
 Location : Gimcheon, Korea  
 Capacity : 59 MW / 205 ton

**04 Bukpyeong Coal-Fired Power Plant**

Scope : Due Diligence  
 Client : Hahn & Company  
 Location : Donghae, Korea  
 Capacity : 500MW x 2 units

LNG Power



## Combined Cycle Power Plant in Dongducheon

Dongducheon LNG Combined Cycle Power Plant has a 1,716MW of generation capacity. The configuration of this LNG power plant consist of two (2) 858MW units operated by Dongducheon Dream Power starting its COD in March 2015. Hanmiglobal (HG) provides Due Diligence and Lender's Technical Advisor Services

**Scope** :Lender's Technical Advisor  
**Client** :DongducheonDreamPower  
**Location** :Dongducheon, Korea  
**Capacity** :1,716MW

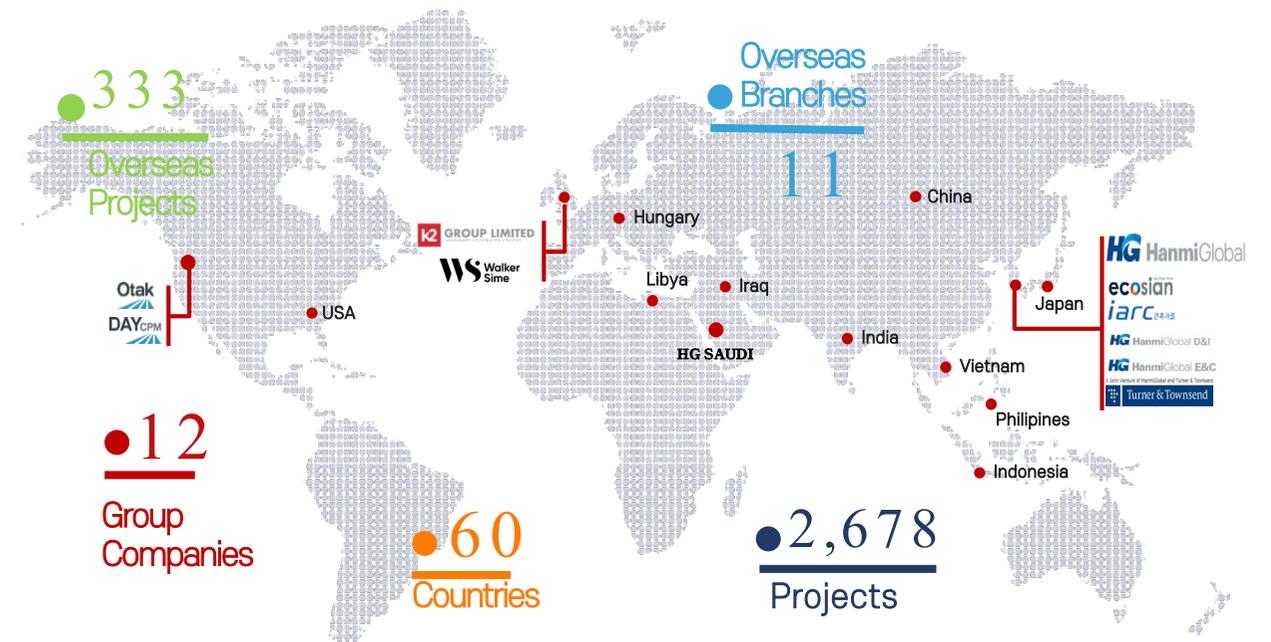
### Other Landmark Projects



- 01 Lotte World Tower  
Hotel & Residence  
B6F/125F, 555m
- 02 Busan LCT  
5-Star Signal Hotel
- 03 Oman Shipyard  
2-Dry Dock (410m x 95m)  
1-Floating Dock (300m x 70m)
- 04 Busan New Port  
1,100,000m²
- 05 2002 World Cup Main Stadium  
B1F/6F, 58,551.73m²
- 06 Paradise City  
Hotel & Residence  
330,000m²
- 07 Peru Chinchero New Airprot  
Passenger Terminal: 46,900m²  
Runway 4,000m x 45m
- 08 South-East Seoul Logistics Center  
B2/7F, 409,319m²



### Overseas Activities



✓ Ranked Top8 CM/PM Company in the world by ENR in 2022 (Non-us)

2022 The Top 20 Non-US Firms in Total Global Construction Management and Program Management

Rank	Firm	2021 Revenue (\$M)	2020 Revenue (\$M)	2019 Revenue (\$M)
6	WORLEY LTD., North Sydney, Australia	233.1	189.7	422.8
7	STANTEC INC., Edmonton, Canada	118.2	72.0	190.2
8	HANMI GLOBAL CO. LTD., Seoul, South Korea	144.4	27.6	171.9
9	SKANSKA AB, Stockholm, Sweden	134.2	28.1	162.3
10	EHAF CONSULTING ENGINEERS, Cairo, Egypt	149.8	0.0	149.8

✓ Group Companies

**Domestic**

A Joint Venture of HanmiGlobal and Turner & Townsend

Turner & Townsend

HG HanmiGlobal D&I

ecosian

iarc

HG HanmiGlobal E&C

**Overseas**

Otak

DAYCPM

HG

K2

HG SAUDI

WS Walker Sime

✓ Overseas Partners

A Joint Venture of HanmiGlobal and Turner & Townsend

Turner & Townsend

Turner

ARUP

ERM

PARSONS

FICHTNER

PONDERA

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