



DAEHAN E&C
COMPANY PROFILE

Company

Organization
History

Business

Waste Management
Water Management
Performance
Certificate
Partner



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Company



Organization


Overview

Name	DAEHAN E&C Co., Ltd.
Representative	Dr. Kyu Seok Lee
Establishment	1997
Business	Waste Management Water Management, etc.
Location	HQ: 219, Yehak-ro 1-gil, Bujeok-myeon, Nonsan-si, Chungnam-do, Republic of Korea R&D Center: 44-10, Techno 10-ro, Yuseong-gu, Daejeon, Republic of Korea Deajeon Office: 44, Dunsan-daero 117beon-gil, Seo-gu, Daejeon, Republic of Korea

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History

1997 ~ 2009



A horizontal timeline bar with green circular markers for each year from 1997 to 2009. The background features a faint globe.

- 1997**
 - Establishment
- 2001**
 - Patent [Auto Remover]
- 2003**
 - Renamed to Daehan Engineering
 - ISO 9001
- 2005**
 - Awarded by Ministry of Administration
- 2006**
 - Appointed as Business leading company
 - Awarded the excellent entrepreneur
 - Affiliated R&D Center
 - Venture Enterprise
- 2007**
 - ISO 14001
- 2009**
 - Appointed as INNO-BIZ
 - Awarded by Ministry of Land, Transport and Marine affairs

2010 ~ 2023



A horizontal timeline bar with blue circular markers for each year from 2012 to 2024. The background features a hand holding a globe.

- 2012**
 - MAIN-BIZ
- 2016**
 - Patent [Solid Fuel Device for MSW] [Sorting Method by Wind Separator] [Waste Quantity Feeder] [Separation of Mix Waste in Processing] Etc.
- 2017**
 - Renamed to Daehan E&C Co., Ltd.
 - New Technology R&D Center
- 2018**
 - Certificated as Root Industry Company
 - E2Global established
- 2020**
 - CEO Awards from Minister of SMEs
 - CE Certificates
 - ISO 9001
- 2021**
 - Joining CTCN
 - ISO 45001
 - Brand registered [GENSYS]
 - Patent [Compression, cutting and shredding sorting method and sorting system for turning combustible waste into fuel]
- 2023**
 - Global leading company
 - Leading environmental company
 - 10Mil. Export Trophy
 - Award 'Technology Grand Prize'
 - Award from Prime Minister
 - 'VIP Economic Delegation' USA, UAE, Vietnam, Indonesia, Saudi Arabia
- 2024**
 - MOU for international GHG reduction project In Vietnam



BUSINESS

Waste Management

Recycling · MRF · Waste to Energy



Water gate · Hoist · Auto Remover

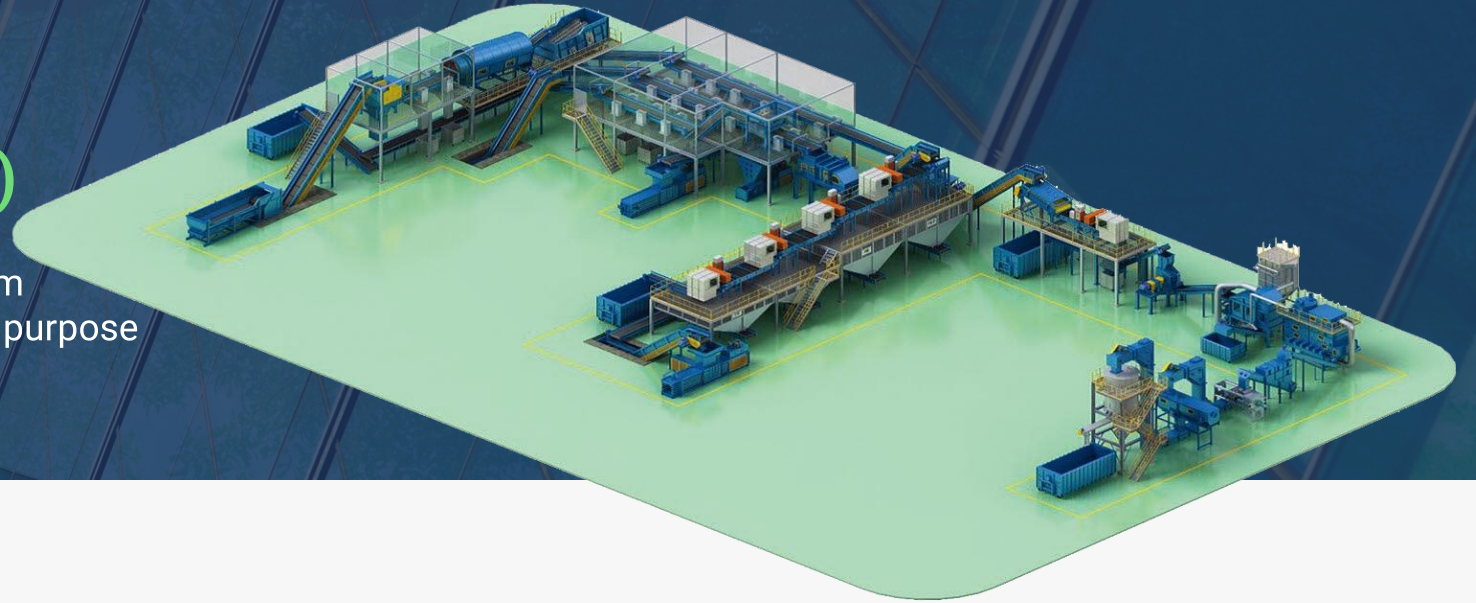
Water Management

Waste Management

| Resource Recycling

Material Recovery Facility(MRF)

A facility that sorts recyclable resources separated from households, etc. by item and material according to the purpose and need for recycling



| Process



Collecting



Shredding



Sorting bulky waste



Separation by gravity



Sorting high density



Sorting ferrous/
non-ferrous



Taking out



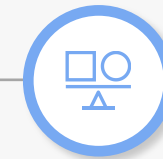
Storage



Compressing



Sorting plastics



Sorting low density



Waste Management

| Waste to Energy

RDF(Refuse Derived Fuel) Production Facility

A waste-to-energy system that produces RDF, a solid fuel, by separating household waste and landfill waste.

Landfill Mining & Reclamation

Material

MSW (Municipal Solid Waste)
+ LFW (Landfill Waste)

Product

RDF (Refuse Derived Fuel)

Usage

Cement Industry, Fuel Conversion
Waste to Energy



TPA Muara Fajar in Pekanbaru, Indonesia

Project List



Daegu City



Ansan City



Sejong City



Pyeongchang



Seoul City



Cheonan City

Korea

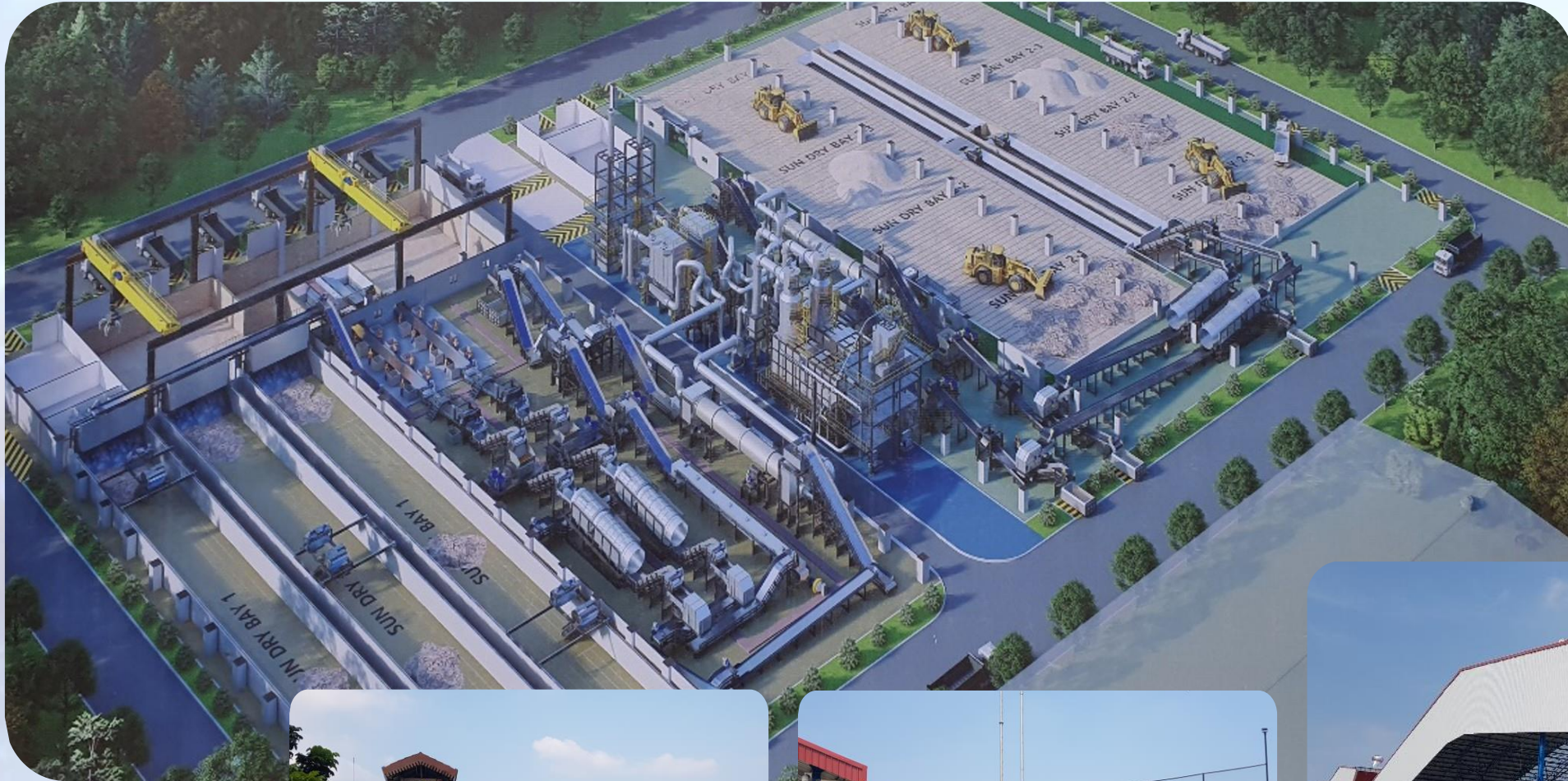
Project List

Major Project of Waste to Energy 2,000ton/day RDF Production Plant



Bantargebang
Indonesia

Project List



Project List

- Our technology which is recognized as “No.1” overseas

Informasi Tender												
Pengumuman Peserta Hasil Evaluasi Pemenang Pemenang Berkontrak												
No	Nama Peserta	K	B	A	T	Skor Teknis	Penawaran	Penawaran Terkoreksi	H	Skor Harga	Skor Akhir	P
1	PT. Pembangunan Perumahan (Persero) Tbk - 01.001.613.7-093.000	✓	✓	✓	✓	62.39	Rp. 841.330.592.704,46	Rp. 841.330.592.704,46	✓	30.0	92.39	
2	PT. MODERN WIDYA TEHNICAL - 01.114.826.9-941.000	✓	✓	✓	✓	65.3	Rp. 851.744.578.212,99	Rp. 851.744.578.212,99	✓	29.63	94.93	
3	PT. ADHI KARYA (Persero) Tbk - 01.001.610.3-093.000	✓	✓	✓	✓	68.25	Rp. 855.058.500.788,80	Rp. 855.058.500.788,80	✓	29.52	97.77	★
4	PT. SITAU NAMONANG - 03.288.341.5-027.000	-	-	-	-				-			
...												
79	CV. Sihar Putra 02.359.854.3-008.000	-	-	-	-				-			
80	PT. TIOSISI PRIMA MANDIRI - 03.173.779.4-001.000	-	-	-	-				-			

80

More than 80 companies from OECD

- Ranked 1st in total evaluation among 80 bidders for this project
- Competing with OECD (Germany, Italy, Japan, etc)
- Daehan E&C was directly in charge of the technical presentation

Project List



Vladivostok
Russia 800ton/day



Our Responsibility

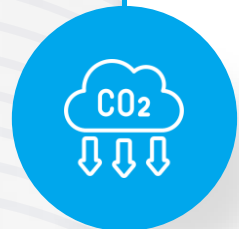


Climate Change Technology

- Landfill waste reduction
- CH₄ from landfill reduction
- Global Methane Pledge

Sustainable Management

- 3R(Reduce, Reuse, Recycle)
- Landfill lifespan extension
- Less usage of coal

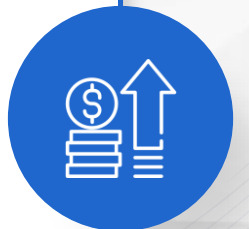


Carbon Reduction

- Usage instead of coal
- Less carbon emission
- Net-zero to 2050

Additional Value

- RDF sales
- Carbon credit
- ESG management

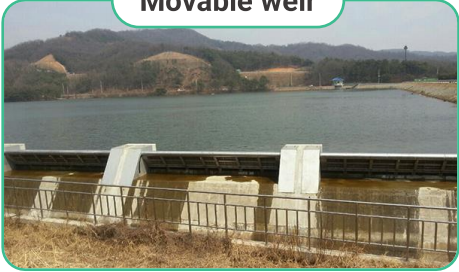


Water Management

Water Gate

Performs the function of fresh water and disaster prevention

Movable weir



Roller gate



Y-type gate



Hoist

Single acting or interlocking, electric or manual installation depending on the operation method, etc.

Pinjack



Wire drum



Hydraulic



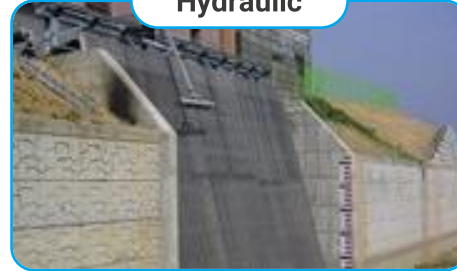
Auto Remover

Removing floating matter in pumping stations, sewage treatment plants, etc.

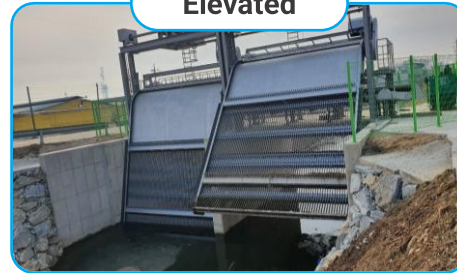
Rotary



Hydraulic



Elevated



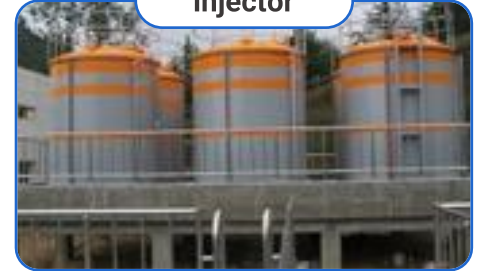
Treatment

Water quality treatment when polluted or does not meet standards.

Deodorization



Injector



Fiber filter



Performance



**Pioneer,
VIP Economic Mission**

R&D experience,
Affiliated R&D Center

Participating
in economic missions to
USA, UAE, etc.



**Governmental
R&D**



**Global
Networks**

Project implementation,
Successful References

Global projects
CTC-N member
Overseas MOU



**Project
References**



**Eco-friendly
Enterprise**

Eco-friendly technology,
ESG management

Performance

Selected and participated 'VIP Economic Delegation'



Performance

Overseas Feasibility Study and R&D Project

- 2023** FS for GHG international reduction project in Vietnam(KECO)
- 2021** FS for EPB bio-coal production plant with PT.PN5 in Indonesia(KOPIA)
FS for treatment plant and methane reduction CDM project with PT.PN5 in Indonesia(KEA)
- 2020** FS for coconut biochar production plant in Indonesia(KOPIA)
Development of hydrothermal torrefaction technology by using herbal biomass(TIPA)
- 2019** FS for generating electricity with SRF converted from landfill waste and MSW in Indonesia(KEA)
- 2018** Indonesia localization project of combustible waste to energy conversion and DME production technology(KEITI)
- 2017** Fs for WTE project in Bekasi, Indonesia(KOPIA)

Performance

Experience in Exhibition, Market pioneer, Export Events, etc.

'23.11

ASEIC Korea-Indonesia Technology Exchange(Seoul)

Net-zero Connection Events

'23.10

Market pioneer in Vietnam(Hanoi)

Pollutec Exhibition(Ryon)

'23.09

Market pioneer in Indonesia(Jakarta)

ASEIC Korea-Indonesia technology exchange(Jakarta)

'23.05

Market pioneer in Saudi Arabia(Riyadh)

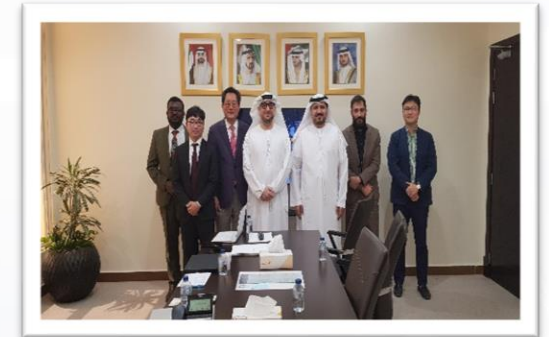
WCE, GGHK Exhibition

'22.10

Market pioneer in Vietnam

'22.09

WETEX(Environmental Exhibition, Dubai)



Certificate

CTCN



ISO9001



ISO14001



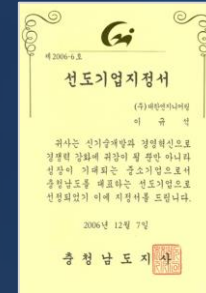
ISO45001



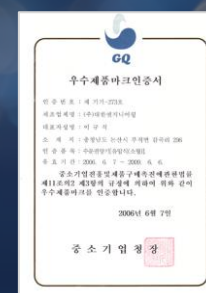
Export SMEs



Leading company



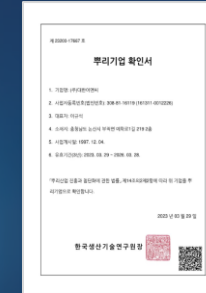
GQ Mark



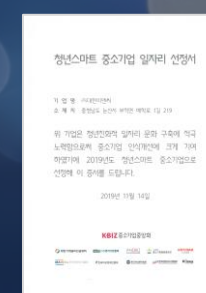
Brand registration



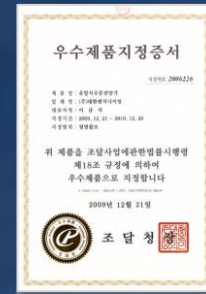
Root industry



Smart company



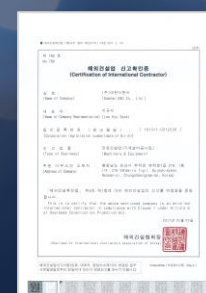
Excellent product



Affiliated R&D Center



Overseas Contractor



CE



MAIN-BIZ



INNO-BIZ



Venture Enterprise



Certificate

Leading Environmental Company



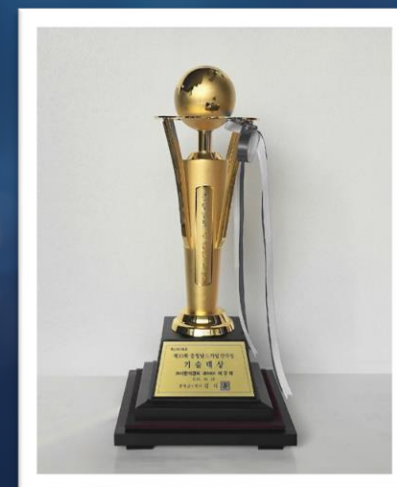
Global Leading Company



10 Million dollar Export Tower



Grand Prize of Technology from Local Province



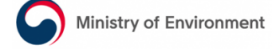
Partner



Ministry of Land,
Infrastructure and Transport



Ministry of Trade,
Industry and Energy



Ministry of Environment



Ministry of SMEs
and Startups



Public Procurement
Service



Chungnam



JNONSAN



HYUNDAI
ENGINEERING & CONSTRUCTION



HYUNDAI
STEEL



KYERYONG



KFS
Clean & Green



K water



KEPSCO



KHNP



LH
KOREA LAND & HOUSING
CORPORATION



KOEN KOREA SOUTH-EAST
POWER CO.



KOMIPO
KOREA MIDLAND POWER CO., LTD.



KOWEPO
KOREA WESTERN POWER CO., LTD.



KOSPO



KOREA EAST-WEST
POWER CO., LTD.



KIBO
Korea Technology Finance
Corporation



KDIT
KOREA CREDIT GUARANTEE FUND



KCCI




육군 군수사령부
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DAEHAN E&C
Engineering & Construction



DAEHAN E&C is contributing to the global environment
based on technology

Thank you

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