**CEO Greetings** 

First of all, we greatly appreciate the love and concern from our customers.

Our company, 'Daehan E&C Co., Ltd.' is guaranteed by the Chungnam Provincial Government as "Leading Enterprise" in this field for our progressive opinions and efforts. And now, based on this fruit, we are focusing our capability to enrich our life and beautiful nature.

Our executive and staffs are armed with the spirits of aiming perfection. We are not setting for the present, but ceaselessly challenging and renovating ourselves. We want to share our philosophy and vision with you to be "Global EPC" Value Innovator" and "Eco-Energy Provider(Torrefaction, Biochar)"

On the basis of precise and creative management, we will fulfill CSR as well as an activity for CDM as a leading company.

Also, we will keep devoting ourselves to become a globally beloved company.

Thank you.



CEO & President Kyuseok Lee Ph. D.

# **Specialist in Waste Sorting & Recovery Plant since 1997**

VISION

- High-end or Nothing
- Leading waste management industry
- Supplying optimum solutions

**O PROMISE** 

- On-time delivery with quality
- Top warranty and maintenance service
- Constant R&VD of Eco-Energy and CSR activities

• PRODUCTS

- MRF with sorting and conveying equipment
- Sorting lines for paper, mixed waste of industrial & household
- Renewable Energy Facility for biomass, SRF[Solid Refuse Fuel]
- Landfill baler & Wrapping facility in landfill & incineration site





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**Tel** +82 42 365 2002 Fax +82 42 365 2003

#### **R&D CENTER**

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EPC Value Innovator

Global



Value Innovator

www.koreaenc.kr

















# **Company History** 2023 2021~ 2016~ 2015 2011~ 2006~ 2001~ 2000 1997~

### 2021~2023

- 2023 11 Certificate of Leading Environmental Company(Ministry of Environment)
- 2023 10 Selected and participated as Saudi Arabia 'VIP Economic Delegation' ('23.10.22) 2023 10 Received the 'Technology Award' (Chungcheongnam-do Province)
- 2023 06 Selected and participated as Vietnam 'VIP Economic Delegation' ('23.06.22)
- 2023 04 Selected and participated as USA 'VIP Economic Delegation' ('23.04.24)
- 2023 04 Global Leading Company of Korea, 2023
- 2023 01 Selected and participated as UAE 'VIP Economic Delegation' (23.01.16)
- 2022 03 Selected as an excellent environmental company to support overseas export business(KEIA)
- 2022 02 Establishment of Fasilitas Pengolahan Sampah Landfill Mining dan RDF Plant Project(Bantargebang, Indonesia)
- 2021 10 Join the CTCN(The Climate Technology Center and Network)
- 2021 10 Administration of Brand "GENSYS"
- 2021 06 POME Treatment Plant and Methane(CH<sub>4</sub>) Reduction CDM Project in PT.PN5(Persero), Indonesia(KEA)
- 04 Indonesia, EFB Biocoal Production Plant Market Research in PT.PN5(Persero)(KOPIA)

## 2016~2020

- 2020 11 Development of Hydrothermal torrefaction technology by using Herbal biomass(TIPA)
- 2020 06 FS for biochar business in Indonesia(KOPIA)
- 2020 02 The first WTE facilities installed in Indonesia
- 2019 10 Selected as 'korea smart company 104' by gov.
- 2019 09 FS for WTE business in Indonesia(KEA) 2019 02 Signing MOU with PT. Indonesia Power(state own enterprise) in
- connection with WTE business 2018 08 Establishment of subsidiary company 'E2 Global Co., Ltd.'
- 2018 04 Implementing the 'Indonesian international joint localization project
- R&D' of Ministry of Environment(KEITI)
- 2017 11 Selected and participated as Indonesia 'VIP Economic Delegation'('17.11.08~09)
- 2017 09 Certificate of K-OHSMS 18001 / OHSAS 18001 2017 08 FS for WTE business in Indonesia(KOPIA)
- 2017 02 Change the company name 'Daehan E&C Co., Ltd.'
- 2016 12 Chungnam Nat'l Univ. LINC(leaders in industry-university cooperation) family company agreement

## 2011~2015

- 2015 02 Registrated as a 'renewable energy specialist company'
- Designated as a 'military service exemption company'
- 2012 10 Certificated as 'water management company'
- 2012 09 'Selected as a 'company wants to work' by gov.
- 2012 03 Certificated as 'management innovative business company' (MAIN-BIZ)

## 2006~2010

- 2010 05 Establishment of the 2nd plant of Daehan Engineering Co., Ltd
- 2009 10 Certificated as innovative technology business company(INNO-BIZ)
- 2007 09 Warded '2007 Korea value management prize'
- 2006 09 Selected as 'business leading enterprise' by local gov. 2006 03 Designated as a 'venture company'

### 2001~2005

- 2005 07 Designated as a 'venture company'
- 1 Awarded 'the excellent business man' by local gov.
- 2003 09 Converted to a corporation 'Daehan Engineering Co., Ltd.
- 2003 06 Designated as a 'clean business circumstance'

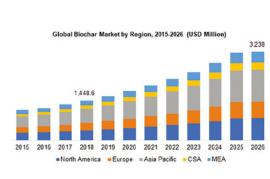
### 1997~2000

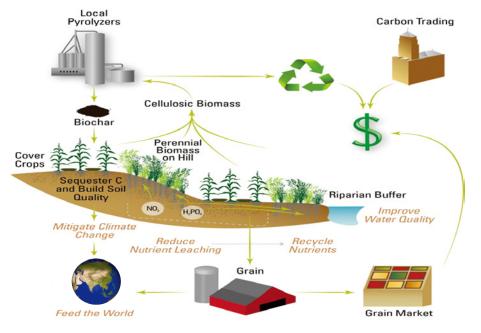
- 2000 05 Constructed data base for Gate & hoist simulation
- (collaborated with Konyang univ.)
- 1999 06 Developed automatic system of hydraulic trash remover
- (collaborated with Konyang univ.)
- 1998 11 Factory expansion
- 1997 12 Established Daehan Engineering

## **R&D Areas**

## **R&VD Part**

- Biochar Production Issues
- Torrefaction of Biomass
- Marine & Medical Waste Treatment System
- International Joint R&D of Bio-Energy





## **R&BD** Part





The first WTE(L) & DME(R) facilities installed in Indonesia

# Feasibility Study & R&D Project

- FS for greenhouse gas international reduction project of thermal energy supply by using biomass solid fuel in Vietnam supported
- FS for POME treatment plant and methane(CH<sub>4</sub>) reduction CDM project with PT.PN5(Persero) in Indonesia supported
- POME Treatment Plant and Methane(CH<sub>4</sub>) Reduction CDM Project in PT.PN5(Persero), Indonesia by KEA, 2021
- Development of Hydrothermal torrefaction technology by using Herbal biomass by TIPA, 2020
- FS for coconut biochar production plant in Indonesia supported by KOPIA, 2020
- FS for generating electricity with SRF converted from landfill waste and MSW in Indonesia supported by KEA, 2019
- Indonesia localization project of combustible waste to energy conversion and DME production technology supported by KEITI, 2018
- FS for WTE(Waste-to-Energy) project in Indonesia supported by KOPIA, 2017

# **Major Products**









·: Waste, but Renewable Energy

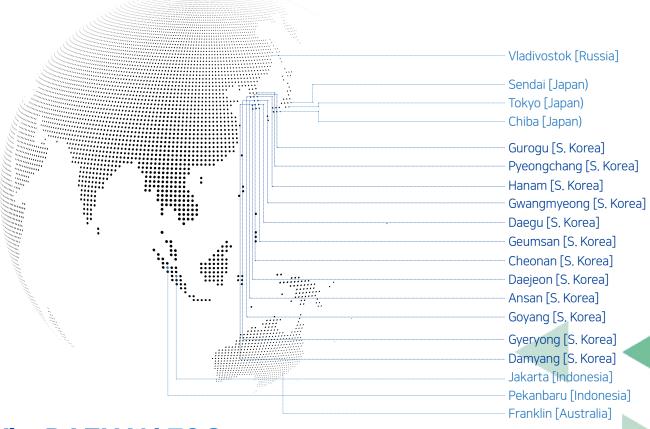
Waste Management

Renewable Energy

Plant Construction

Water Management

## **Major Projects in Overseas & Korea**



# Why DAEHAN E&C

## **Proven Quality & Technologies**

- Qualified engineers & skilled workers
- Continuous improvement LEAN 6 sigma & QMS
- Visual Management by MES

## Cost Leadership

- Optimized local sourcing · Continuous enhancement
- in cost leadership under fulfillment of customer's
- strict quality requirement &

## **On-Time Delivery**

- Commitment to customer's requested delivery date by teamwork & expertise
- Flexibility to speed up the production following up customer's requested
- delivery schedule
- Complete all Environment & Energy projects by DH In-house Manufacturing and Delivery World Leading Value

Turn Key Solution

Creator