



BIO WASTE ENERGY

June 2023





ABOUT DK RENEWABLE ENERGY

Originating from Denmark – one of the world's leading countries in clean energy, *DK Engineering Ltd*. has been involved in renewable energy development for over 10 years. In South East Asia we offer development, design and full EPC capabilities for wind, solar and bio-waste energy projects alongside trusted partners





WHAT WE DO

At DK Renewable Energy we:

- Consultancy from project planning through to operation
- Pre-feasibility and feasibility studies
- LCOE calculations, technical design, bidding documents and evaluation
- Project construction, management and consultancy
- EPC BOP construction and management with selected partners





WHY CHOOSE DKE

- We take an honest and responsive approach to our work
- We work collaboratively with clients
- We provide on-going project support service





BIO ORGANIC WASTE

There is high interest in organic materials management, driven by emerging state regulations for the diversion of organics from disposal facilities. DK helps communities evaluate their waste streams and the applicability of established and emerging technologies to services related to bio-waste treatment plants. This includes:

- Investment consultancy
- Project development
- Feasibility study
- EIA reports
- Project implementation





Pollution is one of the major environmental concerns in Vietnam. Household waste treatment plants, therefore, will be very imperative.

In co opearation with EFACEC, the Europe market leader in waste management systems, we provide services related to bio waste treatment plant:
Investment consultancy
Project Development
Feasibility Study
EIA report
Project implementation





PHASE

IMPLEMENTATION





Preparation of construction drawing design

DOIT & MOIT

Construction drawing design approval



Application for construction permit

DOC, MOC, PPC Construction permit



Constructions, equipment and trial run



Test, experiment, acceptance and grid connection: -the connection part &Check the Plant Compliance for Safety, Fire and Explosion Prevention and Environmental Standards

DONRE & FFPD DOC & MOC &

Transmission Unit & **Distribution Unit &**



Acceptance, transfer of ownership and commercial start of operation

DOIT & MOIT



Application for Electricity Generation License ERAV & DOIT & MOIT

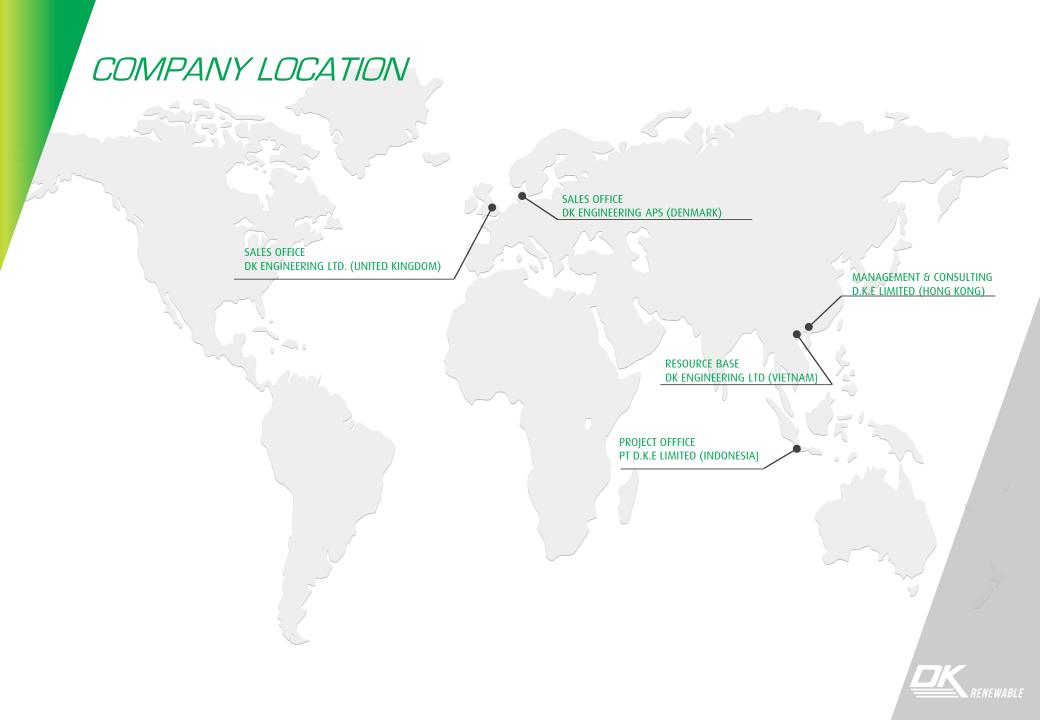
Electricity Generation License





Biomass project development progress Waste Treatment





THANK YOU

VIETNAM

DK Engineering Ltd.

Hanoi Office

HITC Building, 239 Xuan Thuy Road Cau Giay district, Hanoi, Vietnam

Ho Chi Minh City Office

Room 7.02, Level 07, Phuong Tower 46-48 Hai Ba Trung, Ben Nghe Ward District 1, Ho Chi Minh City, Vietnam

Klavs B. Nielsen

Phone: +84 24 37686 260 Fax: +84 24 37686 259 Mobile: +84 90403 7711

Email: kbn@dkengineeringltd.com

DENMARK

DK Engineering ApS

Maren Finds Dalen 7, 1st Floor Apartment No 7 Mariager - 9950 Denmark

Klavs B. Nielsen

Mobile: +84 90403 7711

Email: kbn@dkengineeringltd.com

