



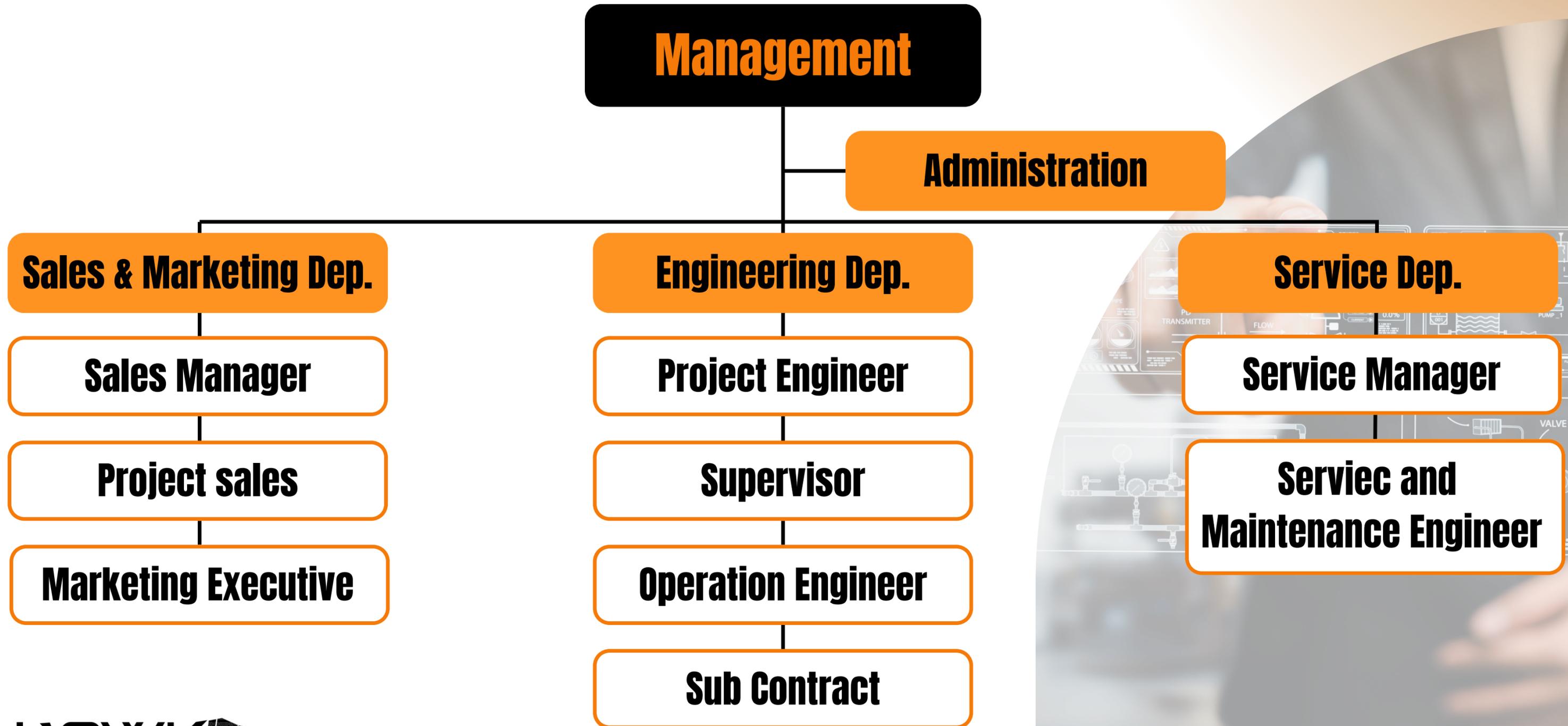
WE ARE ENGINEERING SOLUTIONS PROVIDER

HAWK ENGINEERING AND SUPPLY CO., LTD.



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ORGANIZATION CHART



PRODUCT AND SERVICE

HAWK ENGINEERING & Supply & Project & Service

Renewable Energy Project

Co-Tri Generation

Biogas Power Plant

Biomass Power Plant

HVAC

Solar Project

Energy Storage System

EPC

High Efficiency and Saving Energy Products

Absorption Chiller

HRSO/ Economizer/ Boiler

Biogas Scrubber

Wet Scrubber

Dust Collector

Water Treatment

Solar PV tier1

Energy Storage

Air Compressor

Electric Chiller

Organic Rankine Cycle

Cooling Tower

Operation & Maintenance

Gas Engine Plant
Maintenance & Spare Parts

Chiller Plant Maintenance
& Spare Parts

Preventive Maintenance

Service and
Engineering Support

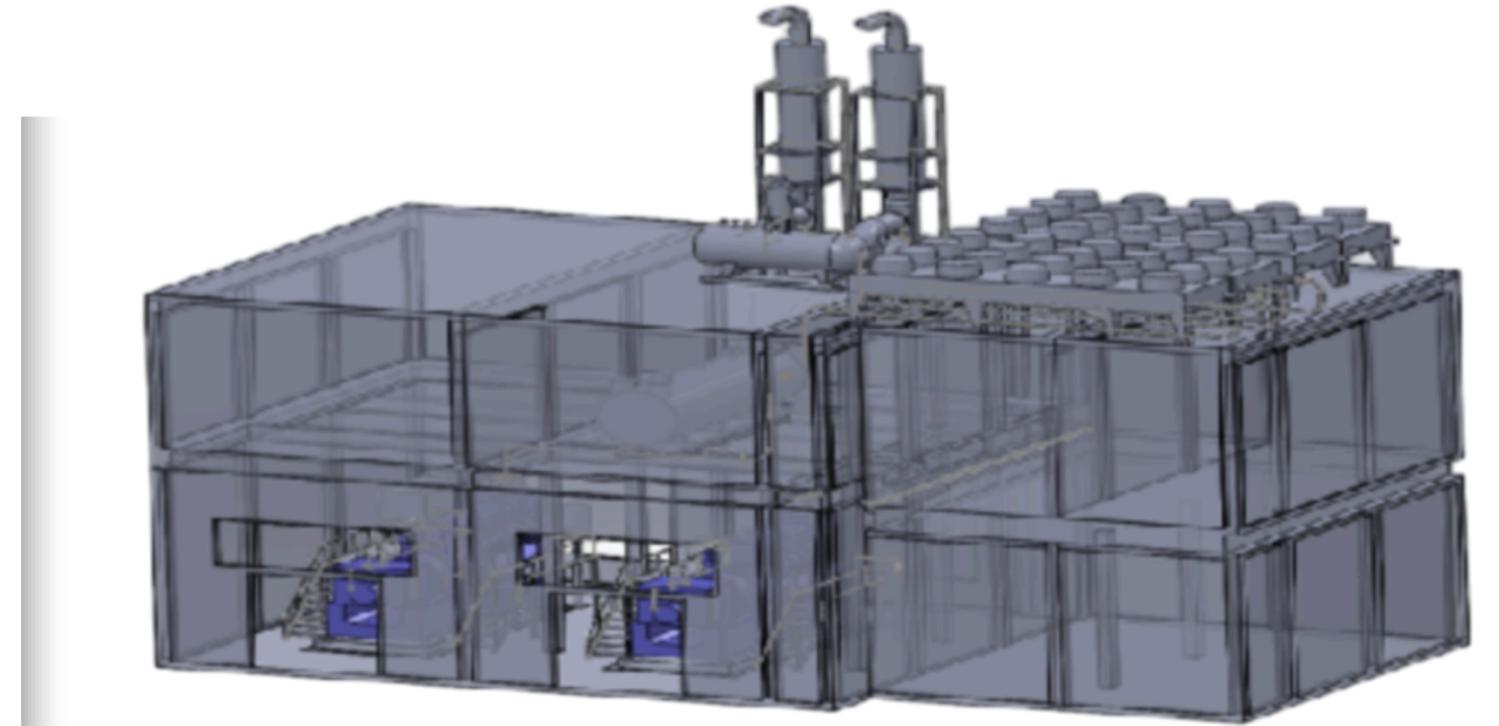
System Controlling
& Integration

CO-TRI GENERATION

CHP Co-Generation Power Plant

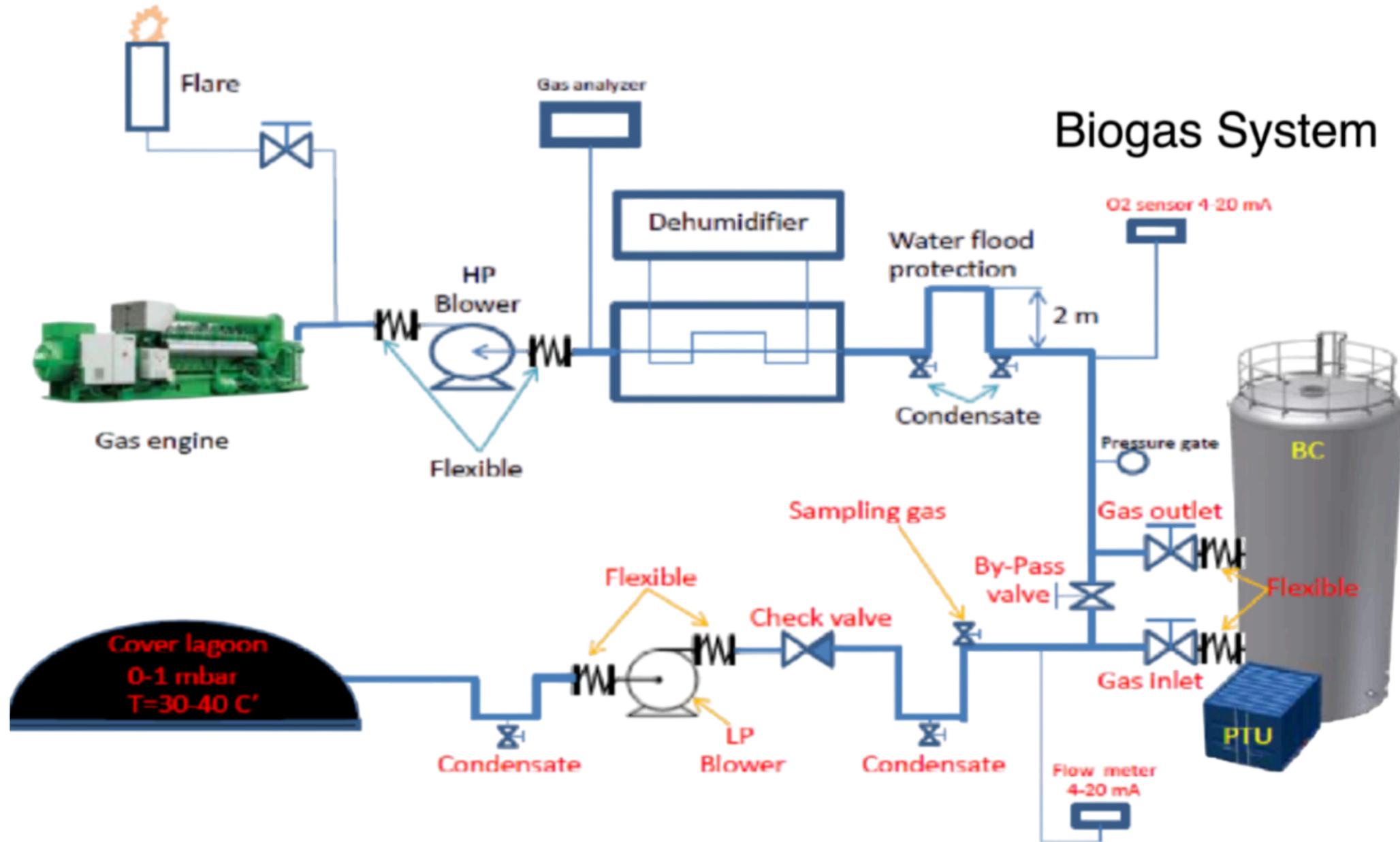
Application and Design

- **Electric from Gas engine**
- **Combine Waste Heat for Steam and Chilled Water**
- **HRSG : Heat Recovery Steam Generator**
- **Absorption Chiller**
- **Island operation**



RENEWABLE ENERGY

VSPPP BIOGAS SYSTEM & POWER PLANT



BIOGAS SYSTEM & POWER PLANT



Dehumidifier



HP Blower



Biogas Engine



Grid Connection



H2S Remover



LP Fan



Biogas Digester

SCRUBBER SYSTEM

Biogas Scrubber Wet Scrubber and Dust Remover



OFFICIAL **AUTHORIZED**



**Steam Operated
LiBr Absorption Chiller**

**Flue Gas Operated
LiBr Absorption Chiller**

**Hot Water Operated
LiBr Absorption Chiller**

**Direct-Fired
LiBr Absorption Chiller**

OFFICIAL **AUTHORIZED**



Hamada, Japan - 23 MW



Thailand - 40 MW



Greece - 110 MW



Hokkaido, Japan - 1,437 MW

**Manufacturing PV Tier1
Energy Storage Systems
Design and Installation Solar System and Energy Storage**

OFFICIAL AUTHORIZED



p | m | v | 2
ROTARY SCREW COMPRESSOR



k | r | s | p | 2
TWO STAGE ROTARY



k | r | o | f
**OIL-FREE ROTARY SCREW
COMPRESSORS (AIR-COOLED)**



PROJECT DESIGN & TURNKEY CONSTRUCTION REFERENCE

- CHP Co-Generation power plant
- VSPP Biogas system & power plant
- Chiller plant
- Renewable Energy solar system
- Air Compressor system
- Gas Treatment system
- Turnkey Design & construction
- Preventive maintenance



REFERNCE



Gas engine 800 kW with absorption chiller 200 TR



Gas engine 6 MW with HRSG 4 TON



HONDA



Gas engine 1.56 MW with Absorption Chiller 300 TR

REFERNCE



Gas engine with Absorption chiller



Cooling Tower



Combine Electric Chilled and Absorption chiller



Absorption Chiller plant 200 TR



REFERNCE



Solar Rooftop



Solar Smart flower



Solar rooftop with ESS



Solar Micro grid and Energy storage

REFERNCE



Off-Grid Hybrid Solar



UPS



Replace Battery

SERVICE AND MAINTENANCE



**Sumitomo Rubber Thailand
Preventive Maintenance and Training Absorption Chiller**



**Amazon café
Solar rooftop**



**Marigot
Installation Cooling tower Marigot**

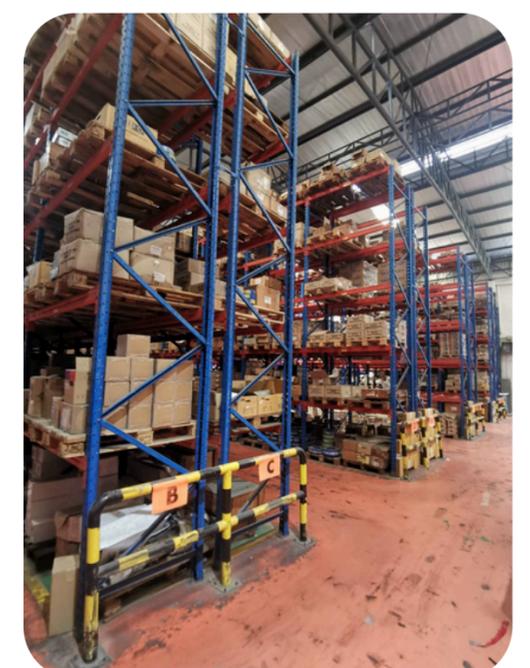


**Thai oil
BOX Culvert**

OPERATION & MAINTENANCE WAREHOUSE & SPARE PARTS

Training & Operation Plant

- 1. Build the training to support customer how to operate and basic maintenance.**
- 2. Build Engineering team to consult customer in deep technical, help them to setup operator, basic maintain make sure they have strong reliability biogas power plant and there business.**
- 3. Fundamental and on the job training.**
- 4. Control & Monitoring Co-Generation Power Plant.**



OUR ACTIVITIES

งานอนุรักษ์พลังงานกระทรวงพลังงาน



ASEAN Sustainable Energy Week 2024



OUR PARTNERS



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