

ASIAN PERSPECTIVE ON BENEFITS FROM BIOMETHANE & AVOIDING GAS CRUNCH

Presented by-

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Outline of Presentation

- 1. BRIEF DETAILS ABOUT KIS GROUP**
- 2. UNIQUE BIOGAS/BIOMETHANE PROJECTS HAPPENING IN ASIA**
- 3. BIOGAS/BIOMETHANE POTENTIAL IN ASIA**
- 4. WAY FORWARD**

About Us – The Best Create The First

- Started in 2006 & grown up to market leader



Company with 100% track record & 70% revenue from repeat orders



Most awarded brand For Biogas , BioCNG



9001:2015
14001:2015
45001:2018



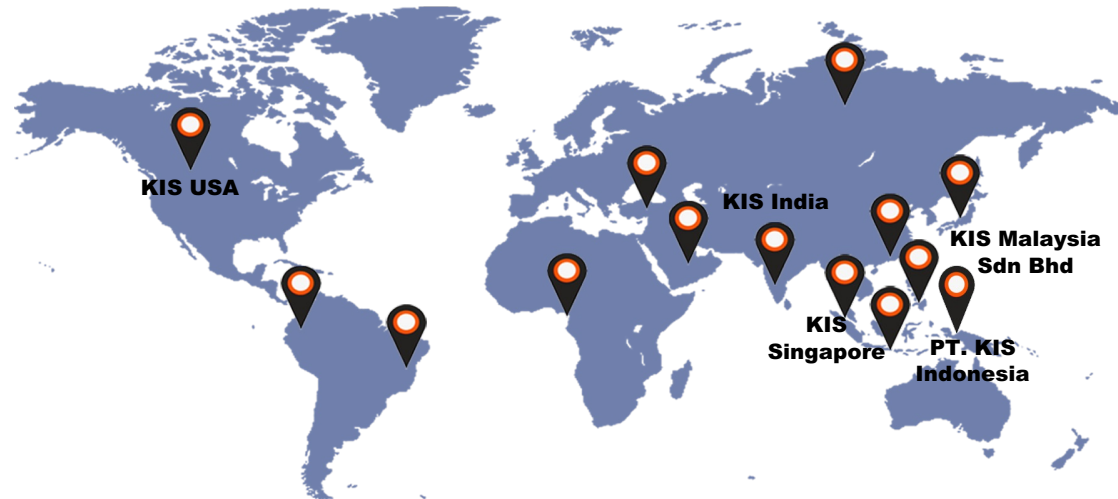
UNFCCC
Approved CDM-POA
Since 2012



182,000 sq. ft.
State-of-the-art
manufacturing unit

Presence in 8 countries of 4 continents
Project executed in 14 countries

1,024,974
m³/day
Installed Biogas generation



- Asia's Largest Biogas / BioCNG company with 110 professionals & 300 technicians.

Asia's First Commercial BioCNG[®] Dispenser from Cow Dung & Potato Waste in India

- Capacity – 40 Tons/day.
- Biogas Generation – 2000 m³ /d
- BioCNG[®] – 750 K/day.
- Used for Vehicles using Dispenser

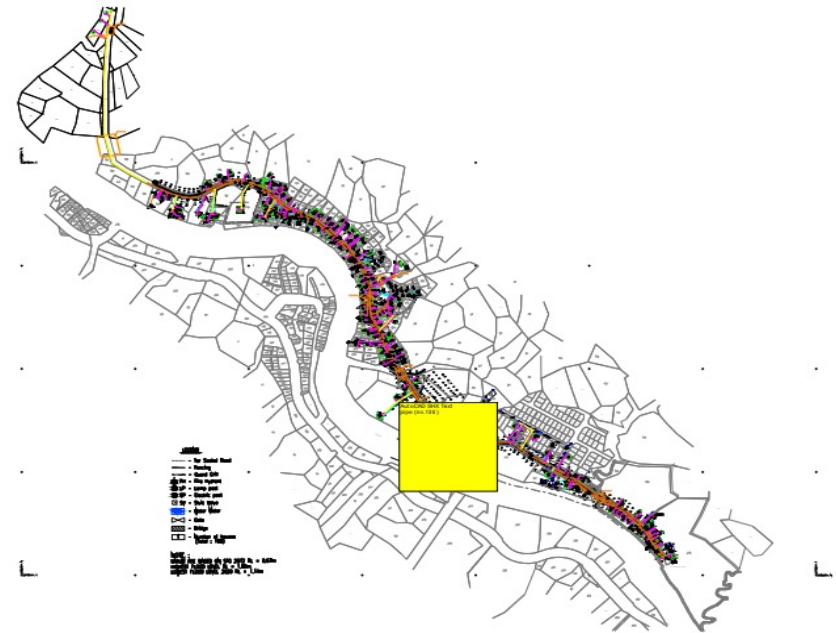
Carbon Emissions Reduction of 5,412 tCO₂/year from 2019

3 Years of Successful Operation



Probably World 1st Piped BioCNG® to Homes in 2 Villages in Malaysia

- Substrate – Sago waste
- Biogas Generation – 3500 m³ /d
- BioCNG® – 1260 Kgs/day
- Under commissioning

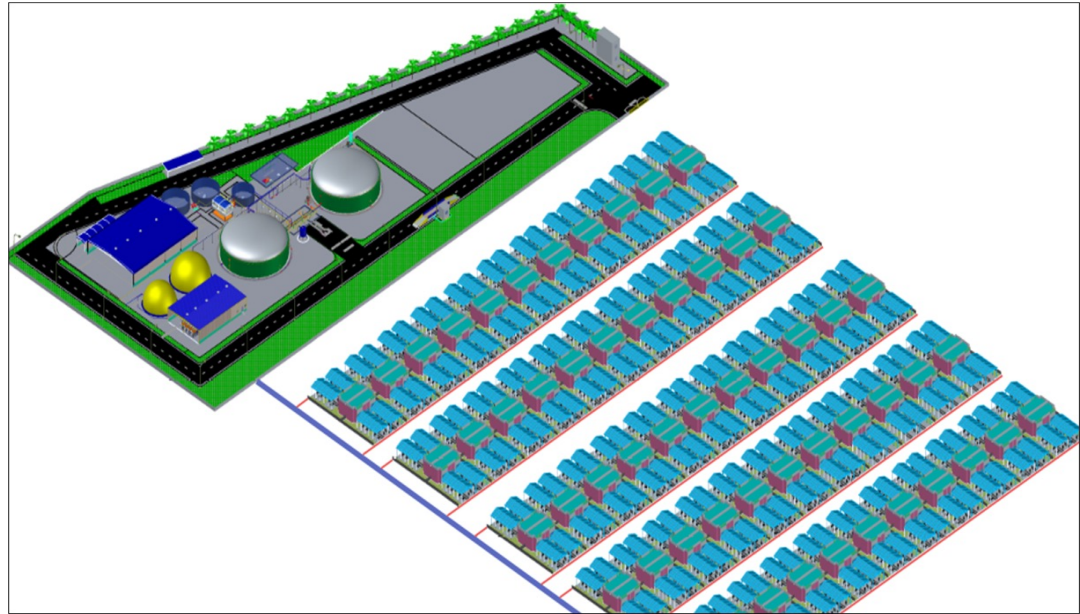


Pipe route for housing in 2 villages

BioCNG® Supplied Through Piping To All Homes of Two (2) Villages (Leh & Tabo) in Sarawak, Malaysia.

Probably World 1st Piped Biogas To Homes Housing Complexes in India

- Capacity – 150 Tons/day.
- Biogas Generation – 9000 m³/d
- BioCNG® – 3600 Kgs/day.
- Used for housing complexes
- At final stage of commissioning



BIOCNG® Supply To Unilever, Indonesia To Achieve Net Zero Carbon



Unilever Oleochemical Plant



35 KM – 3 Cascades/day
with 2400 m3/cascade



84 KM – 4 Cascades/day
with 2400 m3/cascade



BioCNG® From Palm Oil Mill

Supply of BioMethane BioCNG® To UNILEVER –INDONESIA.

Best option for companies to replace /reduce fossil fuel.

& achieve NET ZERO carbon

BioGas/BioMethane Potential In Asia

- **As of now in Asia,**

India is the only country to fixed the price of BioCNG® by government. As per the SATAT scheme the price also increased to INR 55/KG (USD 7.1/Kg) in May 2022.

- **Indonesia and other countries are actively promoting the Biomethane to reduce fossil fuel imports.**
- **South East Asia has potential to be major BioMethane , BioLNG & BioHydrogen Hub for Europe & other developed countries.**

Way Forward

- Its forgone conclusion that future energy mix would have major contributions from BioMethane in Asia & World.
- Some of the unique projects happening in Asia as briefed earlier will be replicated rest of world in coming years.

Many Thanks

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