

**Making retail LNG
possible**

LET'S TALK

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**LNG Easy
Pte. Ltd**

SINGAPORE



ABOUT US

LNG Easy Pte Ltd is incorporated in April 2016 by shipping veteran He Yiyong from Singapore and offshore oil & gas veteran Hans Hvide from Norway.



Our mission is to debottleneck the international LNG supply chain at sea and serve retail customers on-land by virtual pipeline.

OUR BUSINESS

I. Infrastructural Solutions

A. LNG Receiving Solutions

Mobile Filling Platform (MFP™):

LNG Easy's **MFP™** is a pre-built LNG jetty installable within one week. This concept has proven a big success in CNITC-Vpower project in their 750mw LNG-to-Power project in Yangon, Myanmar.

MFP-S and Trucking:

MFP™ with storage and truck filling.

MFP-SR:

MFP™ with Storage and Regassification. It is a mini-FSRU without the need for a fixed jetty.

B. Floating Storage via Green STS™

Floating storage/ breakbulking/ bunkering/ GUCD solution via Green STS.

C. Auxiliary Services:

STS equipment, fenders and certified Terminal Managers / STS POACs.



MILESTONES

LNGe's STS equipment and operating team were part of Singapore first ever marine bunkering operation.

LNGe is the first company to export LNG by road from Singapore to Malaysia. LNGe was also the first company to ship laden ISO Tanks from Westport, Malaysia to Dalian, China. The ISO Tanks were filled at SLNG.



LNGe conducted the first ever LNG STS in Myanmar in June 2020.

LNGe designed and built the world's first Mobile Filling Platform (MFP)[™] and she is now deployed as fast-track jetty in Thilawa, Myanmar.



OUR BUSINESS

II. LNG Retailing

In selected markets we act as a vertically integrated company to secure bulk LNG, import, breakbulk, transport by truck and do help retail customers to storage/regas the LNG.

LNG Liquid distribution is the only last-mile option to let LNG penetrate anywhere in industrial, transport, commercial and residential sectors, beyond traditional LNG-to-power.

LNG Easy has secured LNG import and liquid distribution licences in Pakistan and in the midst of applying in a few other countries.

OUR TECHNICAL COMPETENCY IN LNG SHIP-TO-SHIP SERVICE

LNG Easy provides fully integrated competencies in all area of our business.



Our experience Mooring Masters/POAC are well trained and certified under STCW code and individually meet with the stringent requirements as per MAPROL/OCIMF/ ISGOTT and the ship-to-ship transfer guide through our rigorous recruitment and training program.

Our services include:

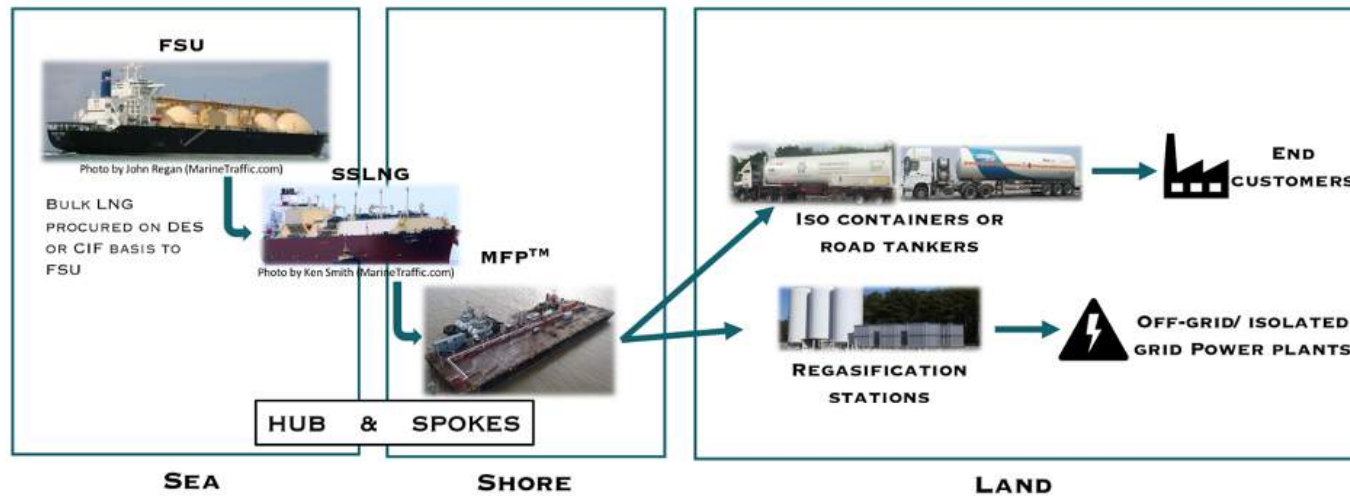
- Pre-screening for Compatibility and suitability of vessels;
- Feasibility studies including location assessment and weather forecasting;
- Mooring analysis includes Dynamic and Static Mooring Optimoor as per standard OCIMF mooring criteria;
- STS procedures and Joint plan of operation for vessel owners;
- Location and pre-operation risk assessment;

- Experience and highly qualified mooring master (POAC);
- STS equipment, including fenders, hoses, PERC, saddles etc.;
- Location and operation specific risk assessment;
- Full compliance with international and nation rules and regulations;
- Location and operation specific risk assessment;
- Full compliance with international and nation rules and regulations;



RETAIL LNG

(LOW COST, FAST TRACK, LIQUID TO SHORE,
ON-SHORE ECOSYSTEM INVESTING/OPERATION)



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LNG Easy provides retail LNG solutions for small industry and commercial customers, transport users, and residential dewar bottle users, that require breakbulk and on-land liquid distribution networks.

ENVIRONMENT SOCIAL GOVERNANCE (ESG) CONSIDERATION OF RETAIL LNG

LNG is cheaper, more environmentally friendly and safer than alternative liquid fuels such as LPG and diesel.

LNG provides environmental benefits when compared to coal whilst LPG-to-LNG (gas-to-gas conversion) or diesel-to-LNG (oil-to-gas conversion) switching have the additional benefit of generally reducing consumption and unit cost.

Distributed power generation using LNG for CHP and CCHP for industrial customers increases efficiency from 30+% to 85+%.

Whenever we land LNG, LNG Easy will pursue flexible LNG-to-power opportunities by using gas engine so LNG can help renewable energy to become baseload power.

LNG distribution adds new blue-collar employment to the regions we operate in.

Green STS Ports for LNGe's Hub-and-Spokes Distribution System

Est. Maritime distance from Maharani LNG Terminal (nm)		Est. Maritime distance from Green STS Port 2 (nm)	
Karachi Port Trust	2,805	JOVO LNG	700
Payra Port	2,622	Shenzhen Gas	700
KyauPhyu	2,605	Hangzhou	1,450
Yangon	2,636	Wuhaogou	1,400














FLOATING STORAGE TERMINALS VIA GREEN STS

The main issue with conventional STS at anchor is the impossibility of taking care of the Boil-off-Gas (BOG) from the LNG floaters or FSUs. Some BOG will have to be dealt with by the GCU of the ships, generating CO₂ unnecessarily and may make the lightening operation uneconomical at times. Our Green STS terminals can do all the functions at on-land terminal do, without BOG challenge, at a fraction of the cost and time of on-land terminals.

LNG Easy is building
Floating Storage Terminals via Green STS
at various strategic locations.

Target markets for Retail LNG



Country											
Population (2019)	216,565,318	163,046,160	96,462,110	31,949,780	108,116,620	54,045,420	69,625,580	270,625,570	16,486,540	21,803,000	1,366,000,000
Area (km2)	881,913	147,570	331,210	330,803	300,000	676,575	513,120	1,905,000	181,035	65,610	3,287,000
GDP Per Capita (USD, 2019)	1,285	1,856	2,715.00	11,414.00	3,485.00	1,407.00	7,808.00	4,135.00	1,643.00	3,853.00	2,099.00
Growth Rate (% , 2019)	-14.5	8.5	5.6	1.5	10.9	5.7	2.6	5.8	7.9	-6.4	4.64
% of Gas in Energy Mix	29	62	35	63	6	20	68	20	-	-	6

The figures above are from various sources.