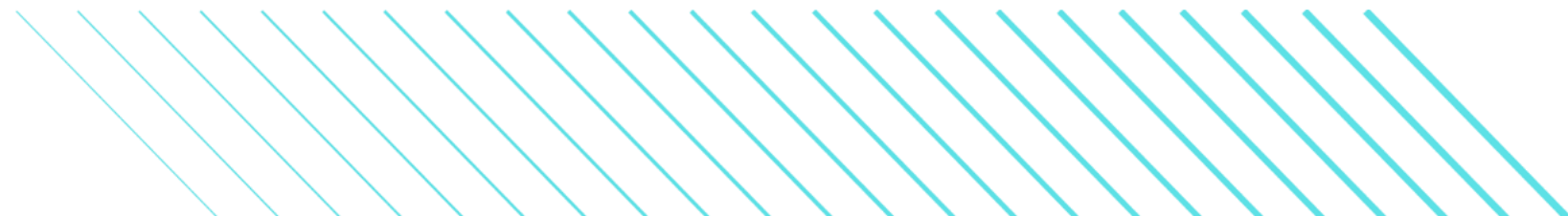
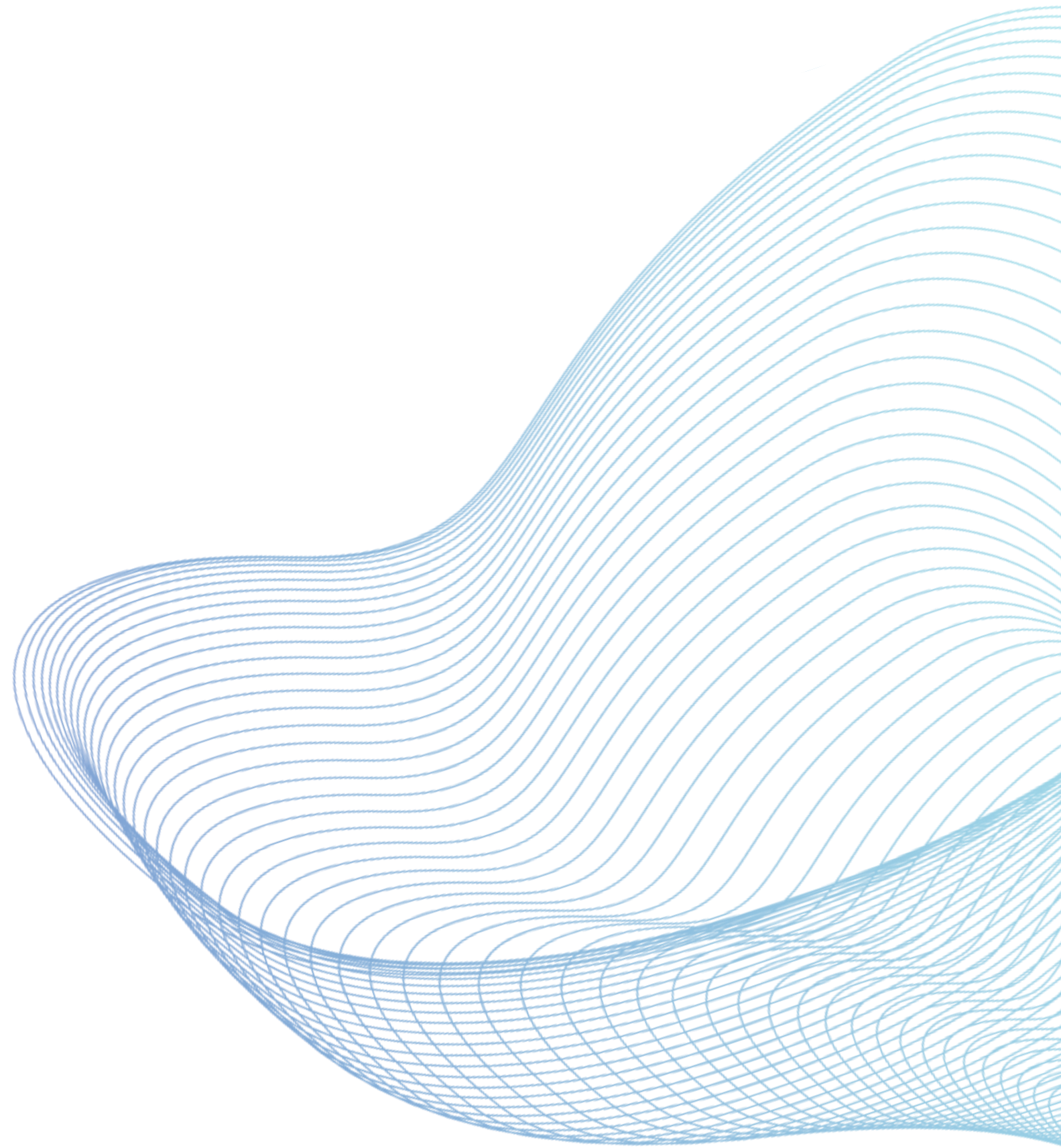




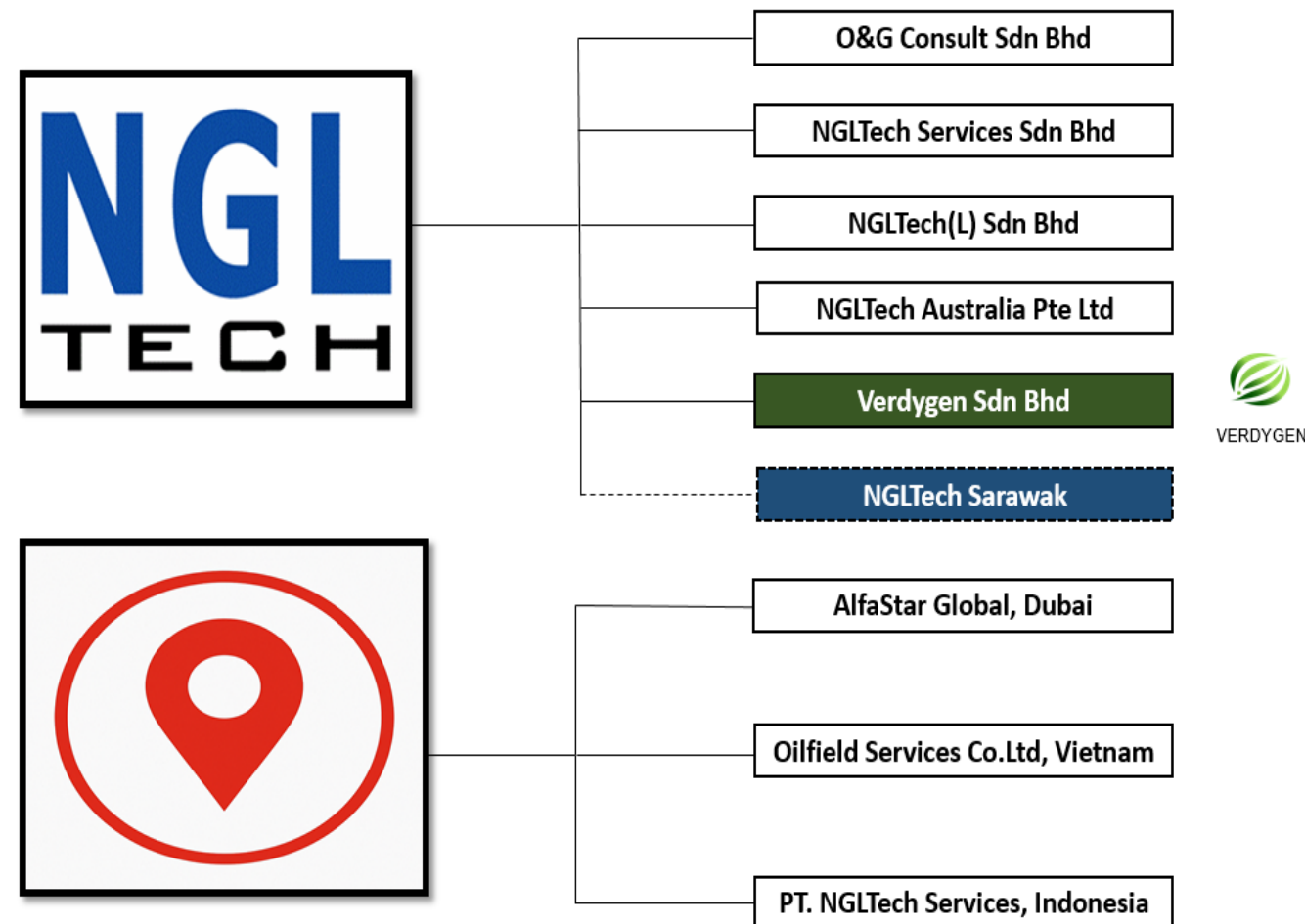
COMPANY PROFILE

www.ngltech.com



ABOUT NGLTECH

- Pioneering process technologies for the oil & gas sector
- Proven expertise in development and commercialization
- Robust portfolio of patented, field-tested solutions



Watch NGLTech Company Profile on [Video](#)

IChemE
ICHEME Malaysia Awards
Winners for Oil & Gas (Winner)
2018

Spotlight
on new
TECHNOLOGY

OTC ASIA SPOTLIGHT ON NEW
TECHNOLOGY SMALL BUSINESS
AWARD WINNER 2018,2020 &
2024

IChemE
ICHEME Global Oil and Gas
Award(Highly Commended) 2018



FOCUSED RECOGNITION FOR
BREAKTHROUGH
TECHNOLOGIES LPPU AND LP-
CRS

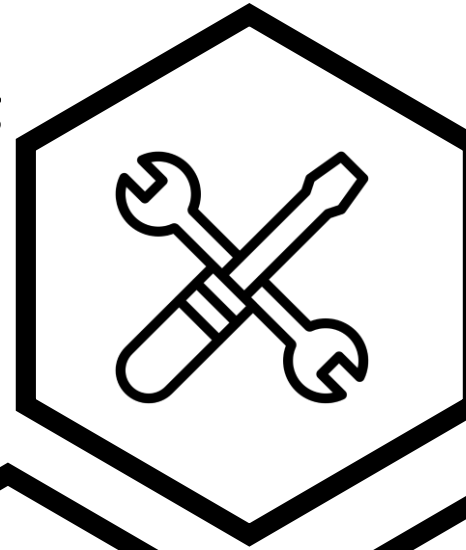


OUR FOCUS AREA

Engineering Procurement

Construction & Commissioning

Delivering process solutions for the upstream, downstream, and general industries

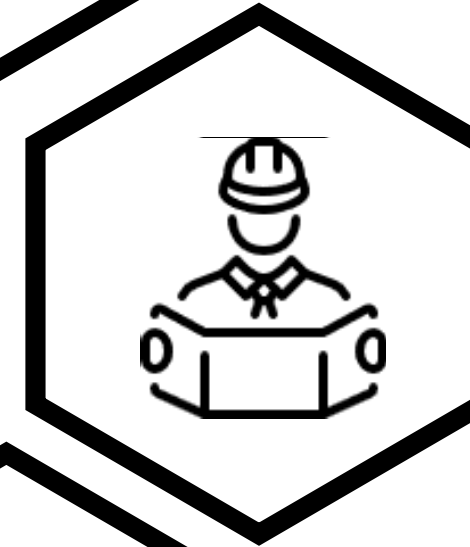
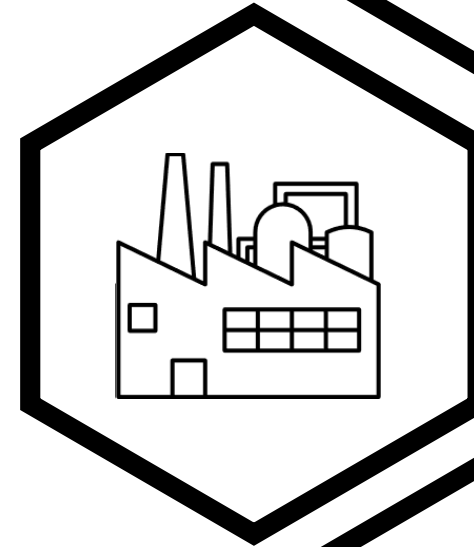


Patented Upstream Products

Technologies providing superior techno-economic solutions

Production Enhancement

Enhancing production of mature fields utilizing NGLTech patented technologies

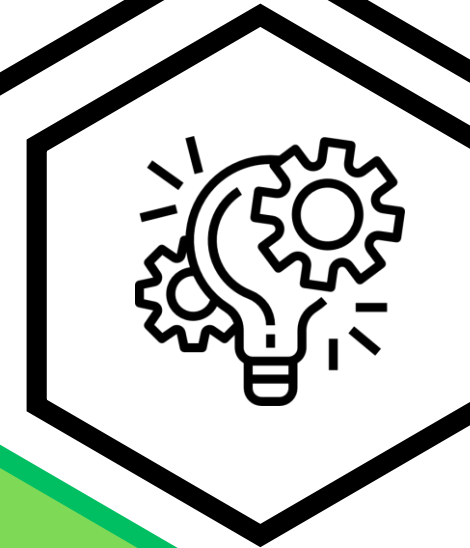


Engineering

FEED to Detailed Design, Debottlenecking, Concept Development, R&D, and CFD Analysis.

Marginal and Mature Fields

Delivering fit-for-purpose solutions for marginal, stranded, and reactivated fields.

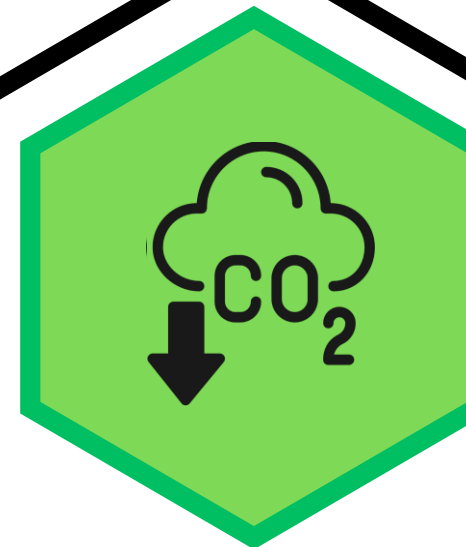


Project Management

Providing overall project management

Greenhouse Gas Elimination

Addressing the world's most pressing environmental problem



TECHNOLOGY FOCUS AREAS

O&G TECHNOLOGIES

MARGINAL/STRANDED
FIELD DEVELOPMENT

MAXIMISING
PRODUCTION FROM
MATURE FIELDS

ELIMINATING
EMISSIONS FROM
PRODUCTION
FACILITIES

CCUS FROM FOSSIL
FUEL CONSUMERS

GREEN TECHNOLOGIES

TECHNOLGIES FOR MARGINAL/STRANDED FIELD

TECHNOLOGY	APPLICATION
SEP-ISYS™ Video	Slug Handling and Seperation System
SEP-iSYS EWT™	Compact Processing Unit for Early Production
SEP-iSYS CSU™	Crude Stabilization Unit
SEP-iSYS WHPPU™	Compact Wellhead Platform Production Unit for standalone production
Isobaric GT	High Speed CNG Transfer Unit



SEP-iSYS™ for TGT FPSO in Vietnam
2011



SEP-iSYS™ for D1 FPSO in India
2011



SEP-iSYS™ EWT for Nautica Muar, Malaysia
2012



SEP-iSYS™ for Petronas FLNG2, Malaysia
2016



SEP-iSYS™ CSU for MISC MaMPU1 FPSO, Malaysia
2016



SEP-iSYS™ for CSU for Ophir FPSO, Malaysia
2017

TECHNOLOGIES FOR MAXIMISING PRODUCTION FROM MATURE FIELDS

TECHNOLOGY	APPLICATION
SEP-ISYS™ LPPU	Low Pressure Production Unit
MPU+GRS Video	Production Enhancement, Sand Removal, Bulk Dewatering & Gas Recovery
CSRS Video	Compact Multiphase Cyclonic Sand Removal
SEP-iSYS Seperator	3-phase Seperation



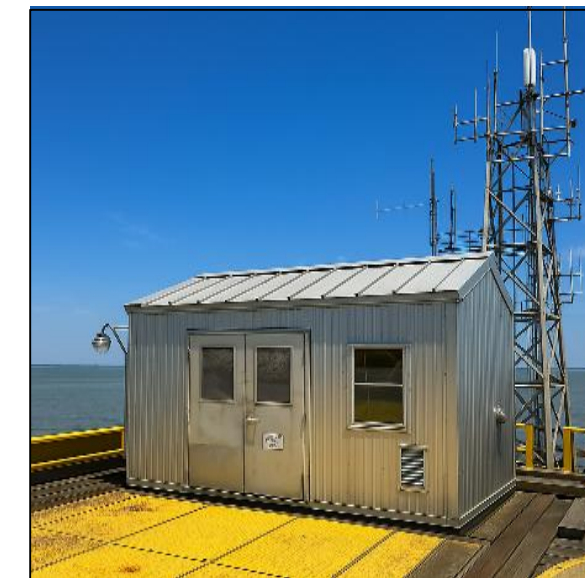
Sep-iSYS™ LPPU for
Petronas West Lutong
Field, Malaysia
2014



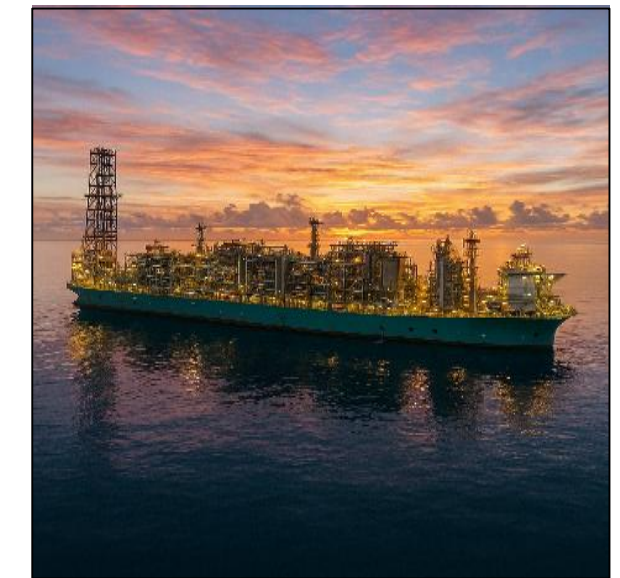
Sep-iSYS CSRS for Petronas
Bokor Field, Malaysia
2017



SEP-iSYS™ LPPU for
Petronas Angsi Field,
Malaysia
2016



GRS for Petronas West
Lutong, Malaysia
2023



SEP-iSYS™ CSRS for
Petronas FLNG2,
Malaysia
2016

TECHNOLOGIES FOR EMISSION REDUCTION AND ELIMINATION

TECHNOLOGY	APPLICATION
Enhanced LP-CRS™ Video	Condensate Recovery System
VOC-RS™ Video	Volatile Organic Compound Recovery System
AWUS™	Automatic Well Unloading System
GTDE™	Gas to Digital Energy(eg. Data Centre, Bitcoin Mining)



LP-CRS™ for MISC
MaMPU1 FPSO, Malaysia
2014



LP-CRS™ for Tamarind
FPSO Intrepid, Philippines
2018



LP-CRS™ for Petronas Erb
West Field, Malaysia
2018

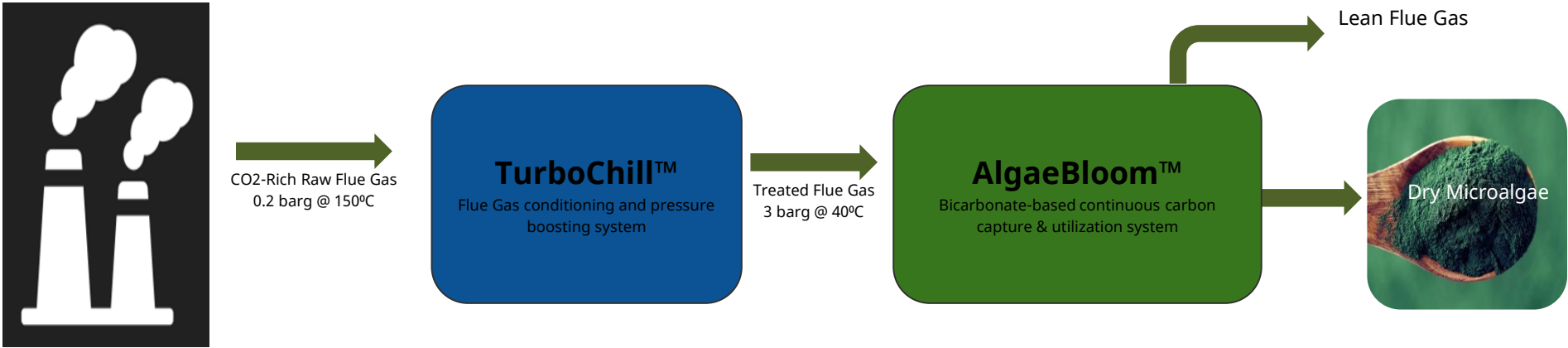


LP-CRS™ for Vestigo
Tembikai Field, Malaysia
2018

CCUS FROM FLUE GAS EMISSIONS

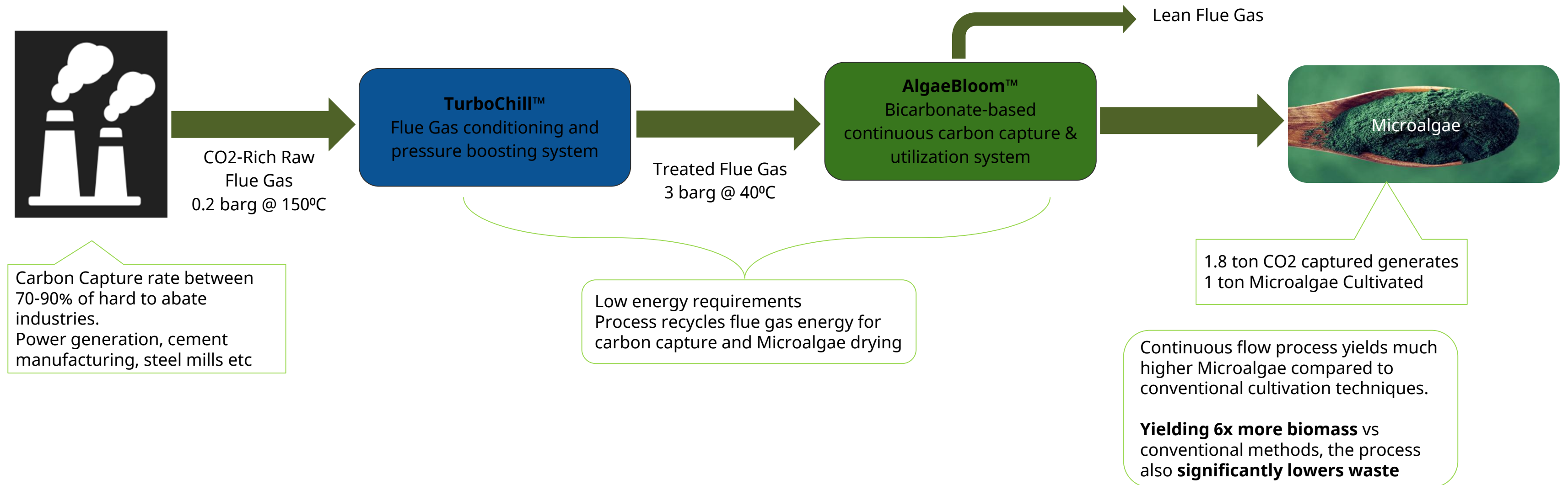
TECHNOLOGY	APPLICATION
TurboChill™	CO2 Capture and Pressure Boosting + Chilling System
AlgaeBloom™	Carbon Utilization for Dry Algae Production

Overview of TurboChill™ Integrated AlgaeBloom™



Pilot Plant of AlgaeBloom
Located at NGLTech R&D Centre,
Kuchai Lama Office.

ALGAEBLOOM™ OVERVIEW

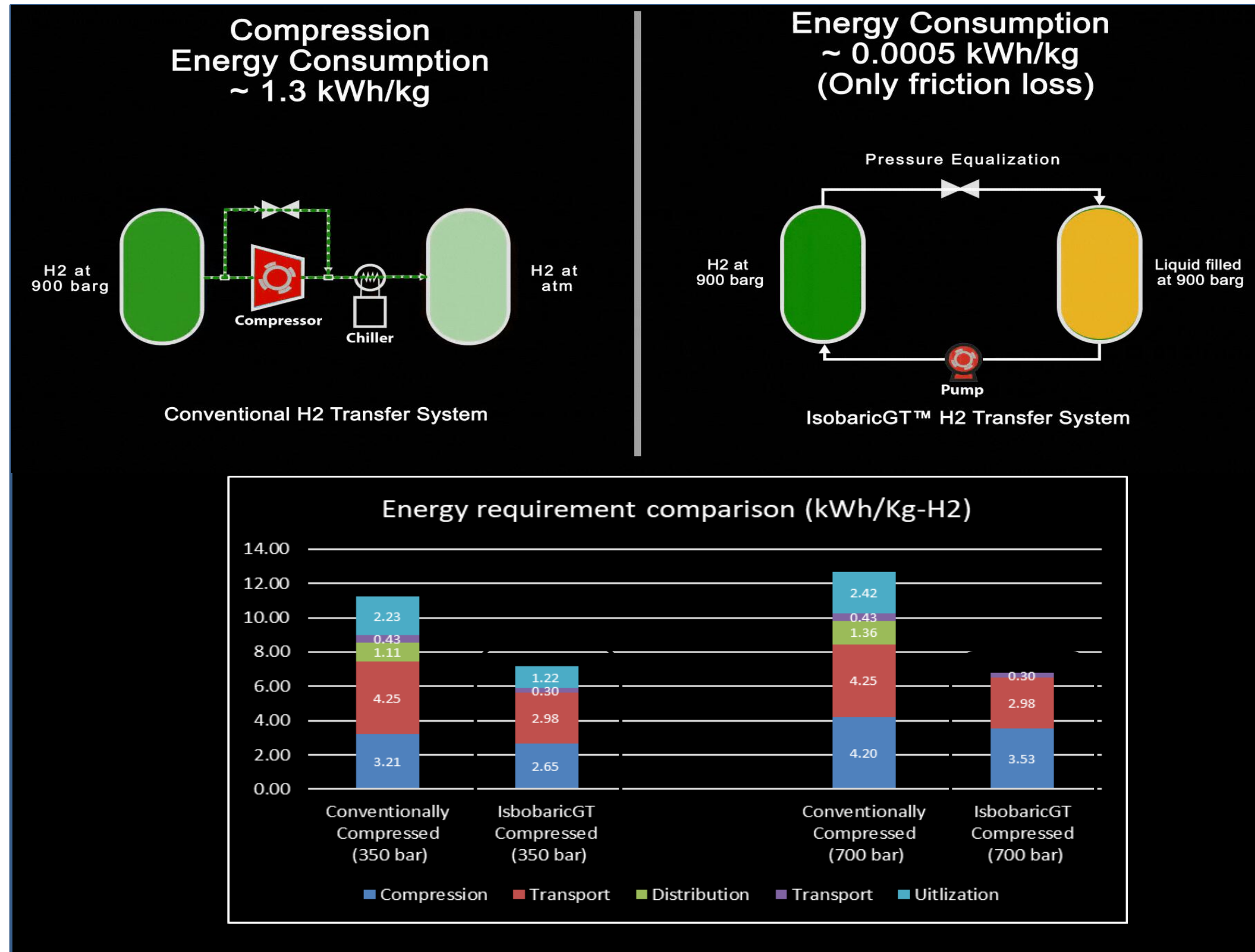


Patented designs:

TurboChill - patented and operational in multiple offshore sites. TRL: 9

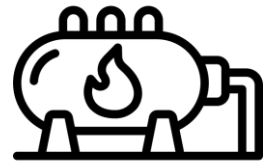
AlgaeBloom™ - patent pending based on lab-scale pilot success. TRL: 7

ISOBARICGT™ CONCEPT COMPARISON



ISOBARICGT™ FEATURES

IsobaricGT™'s innovative features & market competitiveness:



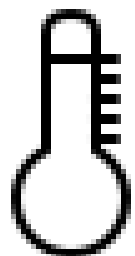
Complete Transfer of Gas



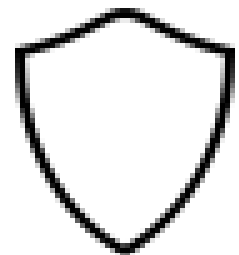
Minimal Power Consumption



High Speed Gas Transfer



No thermal and pressure fluctuations



Safe Operation



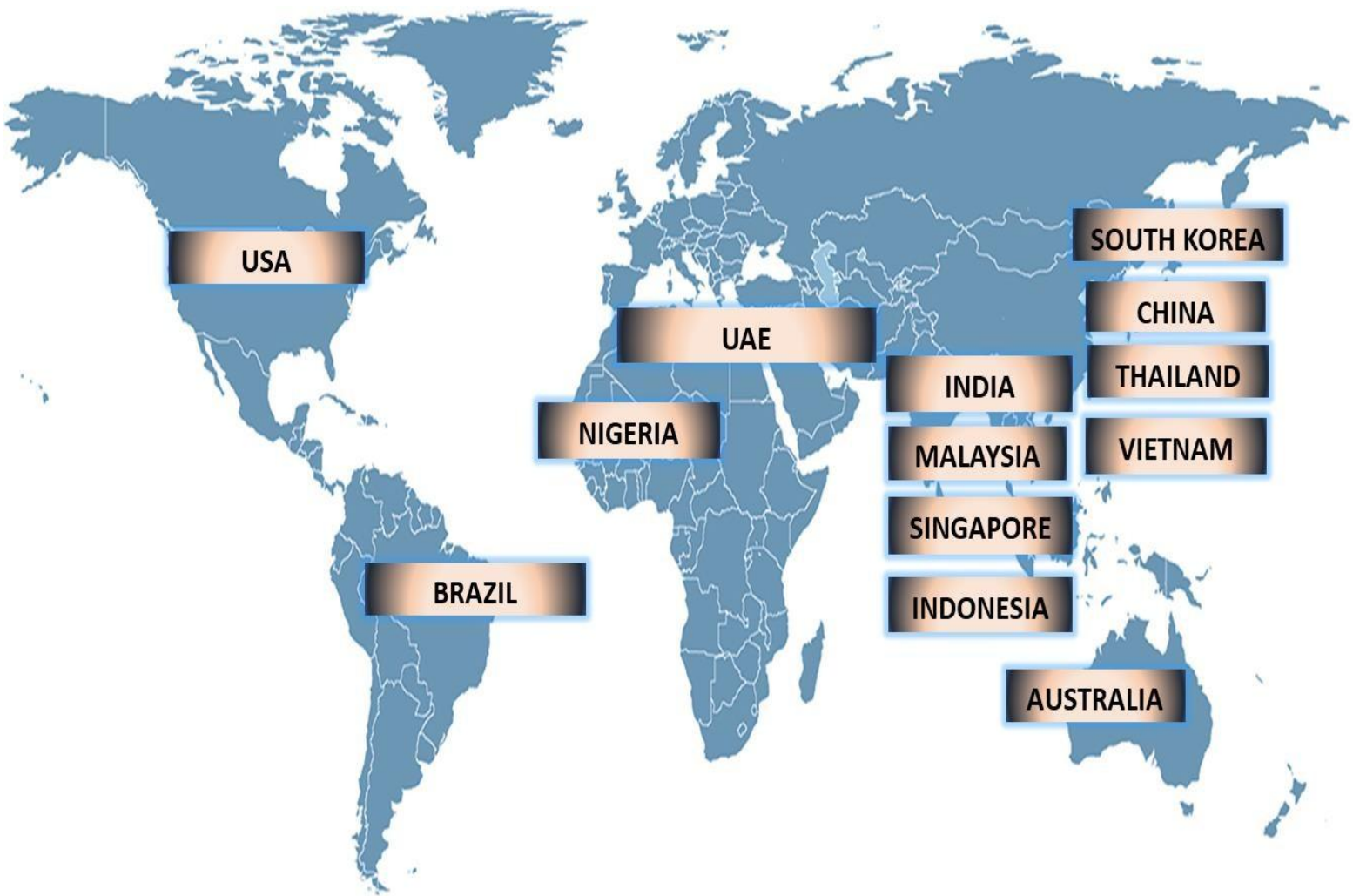
***Pilot Plant of IsobaricGT
Located at NGLTech R&D Centre at Kuchai Lama Office.***



***NGLTech Sarawak and SEDC
Energy formalize joint intent to
pioneer IsobaricGT™ deployment in
Sarawak.***

INTELLECTUAL PROPERTIES

PATENTS JOINTLY OWNED WITH PETRONAS
• SLUG HANDLING SYSTEM
• SEPARATOR WITH INTERGRATED POLISHING SCRUBBER
• SLUG & SAND HANDLING AND SEPARATOR WITH INTEGRATED POLISHING SCRUBBER (SEP-ISYS)
• EXTENDED WELL TEST SEPARATOR
• MULTIPHASE SAND REMOVAL SYSTEM
• LOW PRESSURE PRODUCTION UNIT
PATENTS FULLY OWNED BY NGLTECH
• OPEN LOOP HEAVY OIL ABSORPTION PROCESS (OLHOA)
• HIGH RECOVERY CRUDE STABILIZER SYSTEM (HYREQ)
• SYSTEM FOR RECOVERING NATURAL GAS LIQUID FROM LOW PRESSURE SOURCE (LP-CRS)
• SYSTEM FOR TRANSFERRING ENERGY (Gas-to Electrochemical - GTE)
• COMPACT LOW PRESSURE PRODUCTION UNIT WITH BULK DEWATERING AND DESANDING (MPU)
• DEEP CHILLING LP CONDENSATE RECOVERY SYSTEM WITH SELF- REGENERATIVE MEG
TECHNOLOGIES CURRENTLY IN DEVELOPMENT
• SUBSEA INFLATABLE STORAGE SYSTEM
• ISOBARIC GAS TRANSFER SYSTEM



➔ **NGLTech’s technologies has been successfully patented across strategic regions around the world**

ENGINEERING SERVICES



Project Management & Consulting

- Planning, Scheduling & Progress Monitoring
- Action & Contingency Planning
- Pre-Commissioning & Commissioning
- Techno-Commercial Advisory
- Onshore & Offshore Facilities (Topside, FPSO/FSO)
- Oil & LNG Terminals, Greenfield/Brownfield Projects
- Gas, LNG, CNG, LPG, GTL & EOR Projects
- Unconventional/Shale Gas Developments



Project & Engineering Services

- Conceptual, FEED & Detailed Engineering
- Greenfield & Brownfield Developments
- Offshore Platforms, FPSO Design & Motion Analysis
- HAZOP/HAZID Reviews & Cost Estimation
- PMC Services, Audits & Field Development Studies



Specialist Engineering Studies

- Plant Optimization & Energy Efficiency
- Emissions Reduction & Facility Retrofits
- Debottlenecking, Transient & CFD Modeling
- Flow Assurance, Sand & Material Studies



Systems & Packages

- Separation (API 16–54), Compression, Dehydration
- MEG, Amine, TED Regeneration
- Produced Water, CO₂ Removal, Sulphur Recovery
- Water, N₂, Chemical Injection & Corrosion Control
- Diluents Recovery, Tank Farms, E-house, Power Gen

MAJOR ENGINEERING PROJECTS

TOPSIDE FEED FOR FPSO TANGKULO – SOUTH ANDAMAN SEA (2025) Multi-Disciplinary Topside Engineering for 16-Module FPSO Conversion



Project Information –Front-End Engineering Design (FEED) services for the Topside facilities of the Tangkulo FPSO, covering full multi-disciplinary engineering for 16 process modules to support offshore oil and gas production in the South Andaman Sea



Client: Bumi Armada / Mubadala Energy



Scope of Work: Front End Engineering Design

MAJOR ENGINEERING PROJECTS

EPC FOR VIETNAM BLOCK B GAS PROJECT (2024)) Condensate Stabilization Package



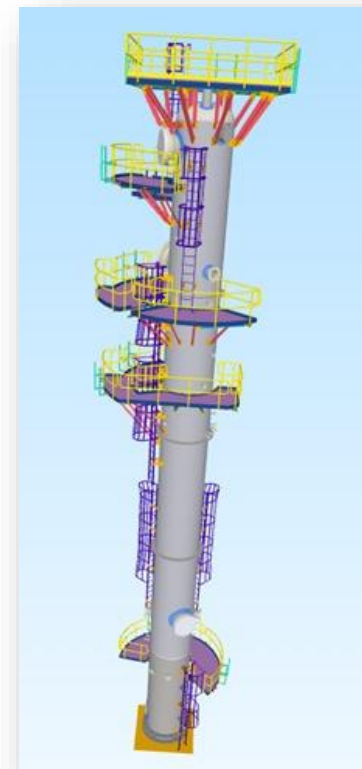
Project Information –Provision of Engineering, Procurement, and Construction (EPC) for the Condensate Stabilization Package for the Vietnam Block B Gas Project under the McDermott–PTSC Consortium



Client: McDermott/PTSC



Scope of Work: EPC



MAJOR ENGINEERING PROJECTS

ALEXANDRE De GUSMAO FPSO FOR MERO FIELD PROJECT, MERO-4 (2022)
Seawater Injection & PW Treatment Module & TEG Package



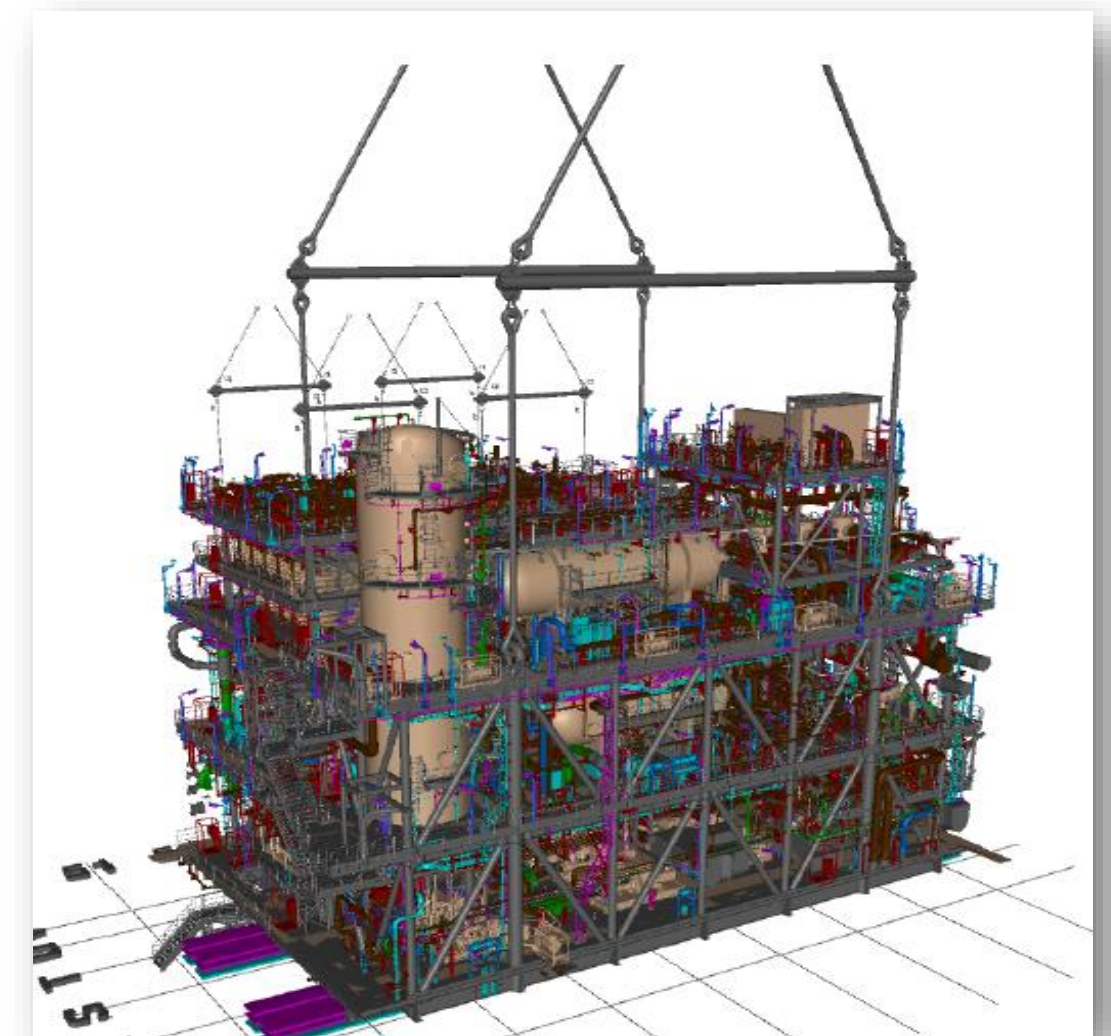
Project Information – Designed a 200,000 BWPD Water Injection and Produced Water Treatment system with a 35-year design life, in a 39m x 24m x 22m module weighing 2,900 MT



Client: National Oil Varco / SBM



Scope of Work: Detail Engineering Design



MAJOR ENGINEERING PROJECTS

ALMIRANTE TAMANDARE FPSO FOR BUZIOUS FIELD PROJECT (2021) Seawater Injection & PW Treatment Module & TEG Package



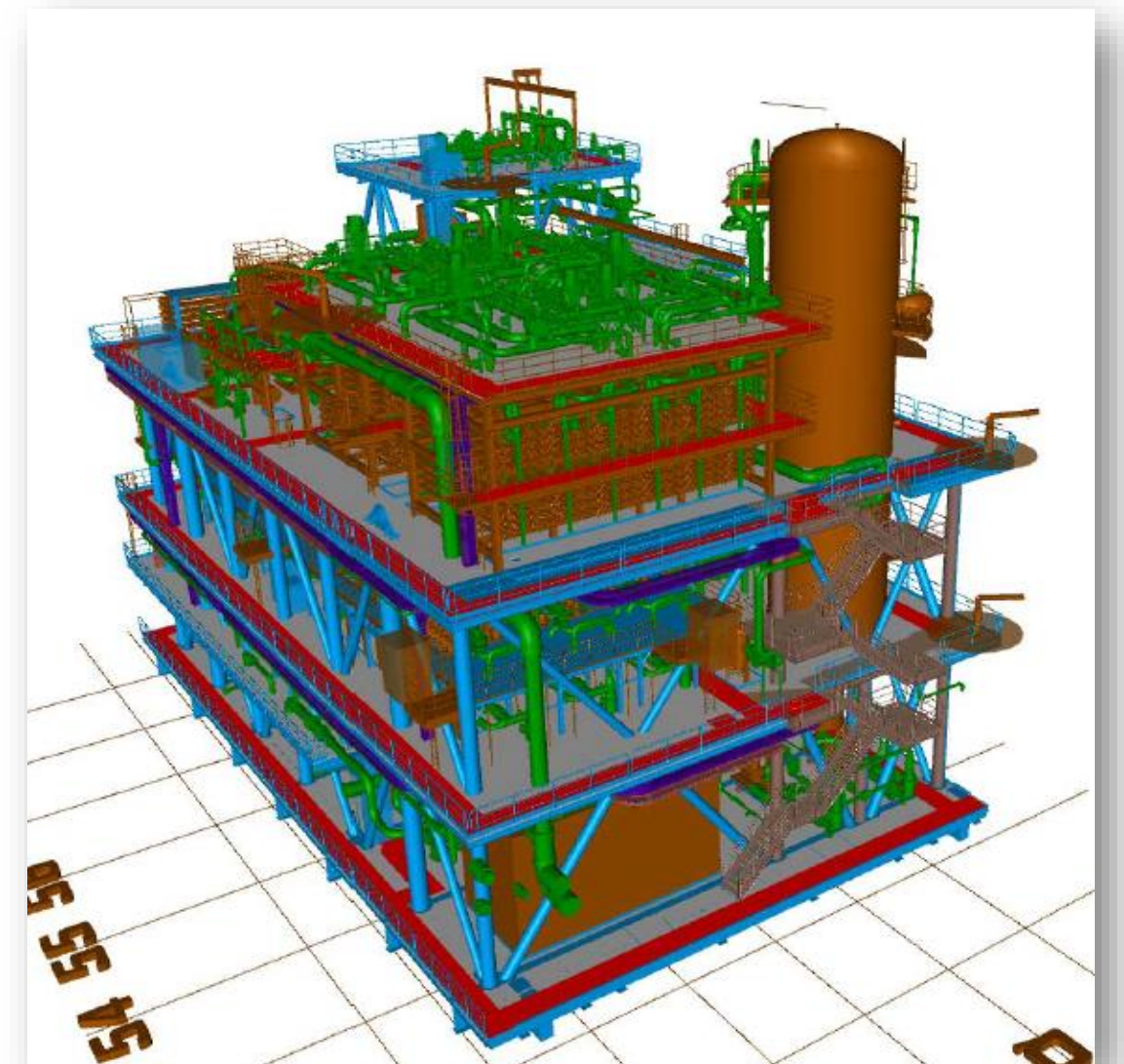
Project Information –Designed a 220,000 BWPD Water Injection and Produced Water Treatment system with a 35-year design life, housed in a 39m x 24m x 22m module weighing 2,900 MT.



Client: National Oil Varco / SBM



Scope of Work: Detail Engineering Design



MAJOR ENGINEERING PROJECTS

DETAILED ENGINEERING FOR FPSO FOR NELP BLOCK KG-DWN-98/2 DEVELOPMENT PROJECT (CLUSTER II) (2019)



Project Information – Performed Detailed Engineering Design for multiple EPC modules, including water treatment, gas dehydration, compression, flare systems, crude separation, and associated utility packages.



Client: Sharpoorji Pallonji Oil & Gas Pvt. Ltd.



Scope of Work: Detail Engineering Services for EPC (Engineering, Procurement and Construction)

MAJOR ENGINEERING PROJECTS

OFFSHORE CONDENSATE MERCURY REMOVAL UNIT – NC3 PLATFORM (2018)



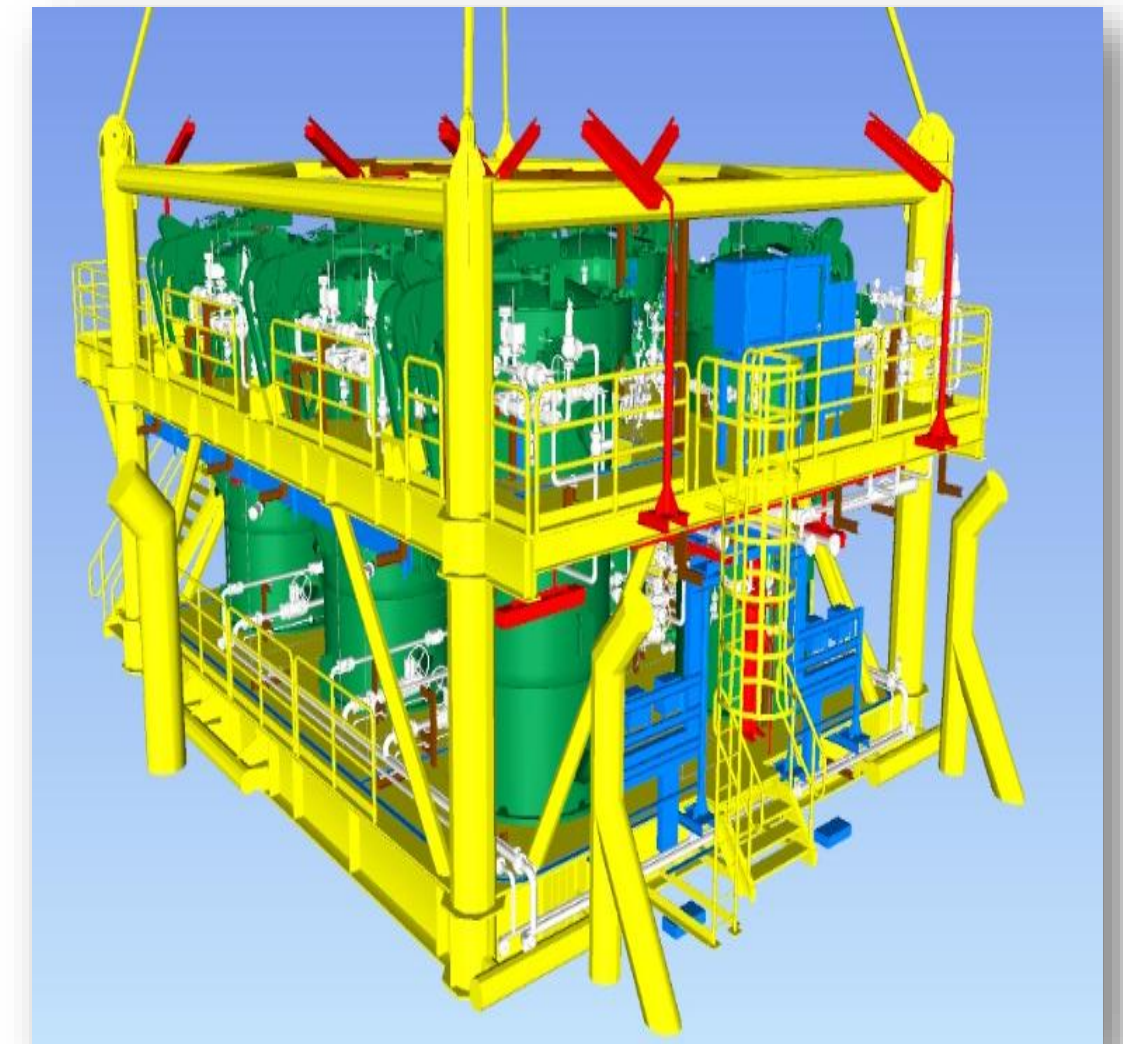
Project Information – Design, procurement, and construction of a 250MT Mercury Removal Unit comprising three pre-filters and three fine filters (25MT each), adapted from QOC design for six-month filter changeouts.



Client: HYDAC Technology / Sapura Borneo Offshore JV / PETRONAS



Scope of Work: Detailed Engineering, Procurement and Construction



MAJOR ENGINEERING PROJECTS

ENGINEERING DESIGN SERVICE FOR ULTRA LOW SULFUR AUTOMOTIVE DIESEL OIL (ULSADO) PROJECT FOR PETRON DISTILLATION UNIONFINING PROCESS COMPLEX, PORT DICKSON REFINERY, MALAYSIA (2018)



Project Information – Engineering design of a Diesel Hydrotreater (DHT) system to reduce sulphur from 500ppm to 10ppm (EURO-5M standard), including ISBL units (DHT, SWS, BSR) and OSBL modifications to existing refinery infrastructure.



Client: UOP Malaysia / PETRON Malaysia



Scope of Work: FEED

MAJOR ENGINEERING PROJECTS

ENGINEERING AND PROJECT DESIGN SERVICES FOR PPL SEPARATION PROJECT (2018)



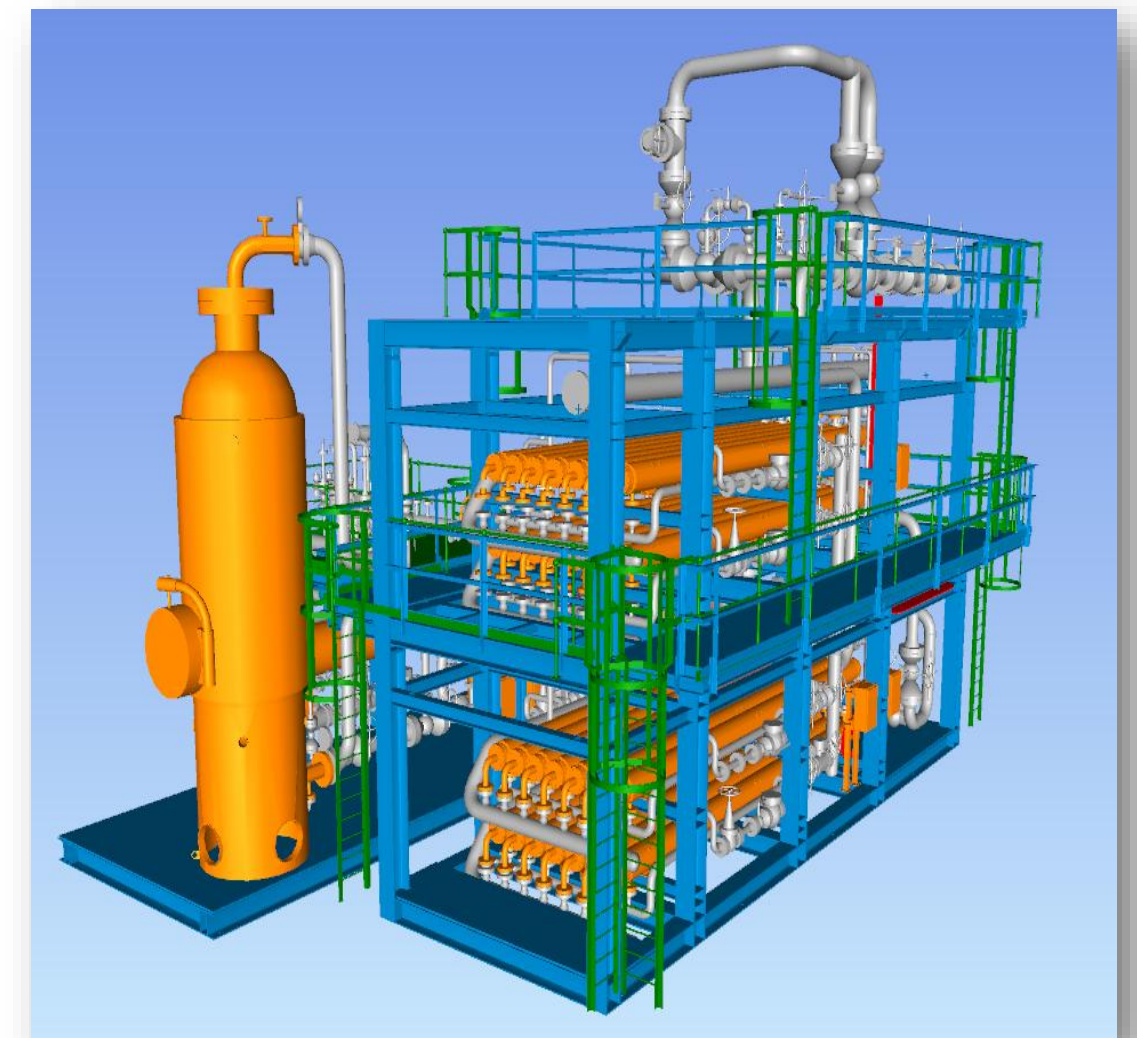
Project Information – Provided detailed engineering support for Separation CO₂ Removal Unit for PPL, comprising pre-treatment and membrane skids handling high-pressure, sour gas with exotic materials, delivered on a 3-month fast-track schedule.



Client: UOP Malaysia



Scope of Work: Detailed Engineering



MAJOR ENGINEERING PROJECTS

IPC MALAYSIA - ENGINEERING SERVICE CONTRACT (2015 to 2019)



Project Information – Provided multi-discipline engineering services for Bertam Field WHP and FPSO modification works over a two-year contract, covering structural, safety, process, electrical, and integrity studies—including vessel re-rating, SOL studies, SIL verification, corrosion assessments, and flowline engineering—to ensure continued safe and efficient production.



Client: IPC Malaysia (previously known as LUNDIN Malaysia).



Scope of Work: Engineering Service Contract

MAJOR ENGINEERING PROJECTS

PROVISION OF FEED OF WHP FOR BOKOR PHASE 3 RE-DEVELOPMENT PROJECT (2015)



Project Information – Design and development of three unmanned WHP platforms in Bokor field, Sarawak—two oil producers and one iWAG injector—designed for up to 15,000 bpd & 7 MMscfd (oil) and 40,000 bpd & 20 MMscfd (injection), with 25-year design life and high-pressure injection requirements. develop and install a minimum WHP platform in Bokor field, offshore Sarawak.



Client: Muhibbah Engineering Sdn. Bhd. / PETRONAS



Scope of Work: FEED Design Competition



MAJOR ENGINEERING PROJECTS

PROVISION OF ENGINEERING AND PROCUREMENT OF SEP-ISYSTM PACKAGE (900# SYSTEM – 3 TRAIN) (2014 - 2018)



Project Information – Supplied a high-pressure, three-train Inlet Facility Processing System (900#) for PETRONAS FLNG2 in the Rotan Field, Sabah. Each train handles 200 MMscfd using exotic materials for sour service, with cold insulation and fireproofing. Key components include a 45MT vessel (71mm thick). Designed for 20-year offshore operation without dry docking.



Client: JGC Corporation, Japan / PETRONAS



Scope of Work: FEED, Detailed Engineering Design, Procurement and Construction (Phase 1). Pre-commissioning and commissioning support (Phase 2) Service Contract



MAJOR ENGINEERING PROJECTS

TANJONG BARAM WHP DEVELOPMENT (2014)



Project Information – Developed and installed a conductor-supported, unmanned minimum facilities WHP platform in Tanjung Baram Field, Offshore Sarawak, tied back via 8.2 km flexible pipeline to WLDP-A. Included minor WLDP-A modifications and allocation metering. Designed for 8,000 bpd (4,000 bpd throughput), with a 10-year design life and 236 MT topside



Client: 2H Offshore Engineering Sdn. Bhd. / Enquest Malaysia



Scope of Work: Engineering Design of the WHP Topside consisting of FEED, Detail Engineering and Procurement support activities (Phase 1). PMT support for Onshore, Pre-commissioning, Hook-up & Commissioning of the facilities (Phase 2).



MAJOR ENGINEERING PROJECTS

FOROOZAN FIELD DEVELOPMENT OPERATION & PRODUCTION ENHANCEMENT PROJECT (2014)



Project Information – Developed a new process and utilities platform (FZ-A) in Foroozan Field, Persian Gulf, bridge-linked to existing FZ platform. Enhanced oil production from 44,000 to 98,000 bpd and gas throughput from 158 to 258 MMscfd. Design life: 25 years, topside weight: 6,069 MT. Develop new process platform (FZ-A) to enhance total production from Foroozan Field. Platform is linked to existing platform (FZ) via bridge in Foroozan Field, in Persian Gulf .



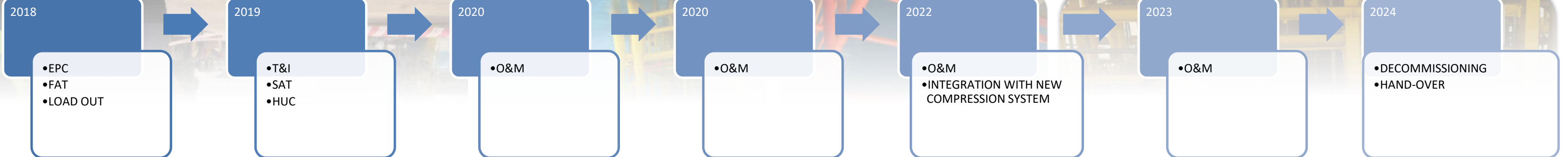
Client: SEHWA CO. LTD, Korea / IOEC, Iran



Scope of Work: Detail Engineering Design



PROJECT DELIVERY



[Video](#)

[Video](#)

Quality and safety have always been NGLTech's priority.

The pictures show an example for the progression of Lifecycle Management services by NGLTech:

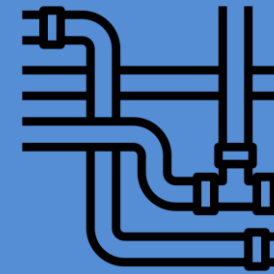
NGLTech's LP-CRS module leased to Petronas Carigali Sdn. Bhd. for Erb West Field. Decommissioned in 2024

ENGINEERING SOFTWARES



PROCESS

- HYSIS-PROCESS SIMULATION
- PIPESIM- FLOW ASSURANCE
- OLGA-MULTIPHASE FLOW SIMULATION



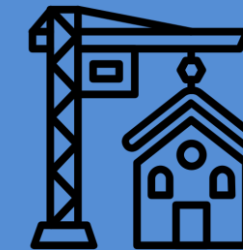
PIPING

- CEASAR II- PIPE STRESS ANALYSIS
- PDMS / E3D - DESIGN & REVIEW
- AUTOCAD- 2D-DRAFTING
- NAVISWORK SIMULATE- 3D MODEL REVIEW



MECHANICAL

- PV ELITE- PRESSURE VESSEL
- HTRI - HEAT EXCHANGER DESIGN
- AUTOCAD-2-D DRAFTING
- SPACECLAIM 3D MODELLING



STRUCTURAL

- SACS- STRUCTURAL DESIGN & STRESS ANALYSIS
- BOCAD- STRUCTURAL DESIGN & STRESS ANALYSIS
- STAADPRO- STRUCTURAL DESIGN & STRESS ANALYSIS
- AUTOCAD-2D- DRAFTING

ACCOLADES & RECOGNITION

SEP-iSYS Early Well Test for Kayu Manis & Anjung Kecil Field



Focused Recognition from Petronas
– LPPU™ Project



FOCUSED RECOGNITION

For demonstration:

I want to recognise:

☒ Results Matter
☐ Humane Treat

☒ Own It
☐ Tell Me

☐ Focused Execution
☒ Shared Success

In the following manner:

Working 7 day/week, with no holidays during Rega

Immediate responses to queries and requests from PCIS

Strong, competent & reliable engineering team during design stage

By doing this, you have positively impacted the following key result:

Timely delivery of LFE's unit-to-RS2 with no out impact

Mohamed Elmaghrabi
PCIS Head
 Given By: 

22/07/16
 Date

Oil & Gas Award from IChemE



OTC Asia Award – MPU™



Focused Recognition from Petronas
– Erb West LP-CRS™ Project



FOCUSED RECOGNITION

I want to recognize _____ for demonstrating

☒ Customer Focused
 ☐ Speak Up

☒ Innovate Now
 ☐ Courage to Act

☐ Be Enterprising

In the following manner:

1. Collaborate with partners to start up, rectify issues, recommitment & stabilize EW-C&S cooperation.
2. Actively participate, learn & familiarize with EW CRS system.

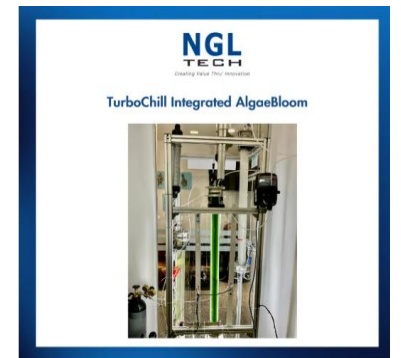
By doing this, you have positively impacted the following keyresultid:

- Recommitment EW CRS project with objective to recover condensate & reduce carbon emission from flared gas.



Cultural Beliefs

OTC Asia Award – TurboChill™
Integrated Algaebloom™



2013

2015

2016

2017

2018

2019

2020

2020

2022

2023

2024

SME 100 Fast Moving Company
Award



**Pioneer Status
Contract R&D Company**



Focused Recognition from Petronas – LP-CRS™ Project



FOCUSED RECOGNITION

I want to recognise Mr. Anup Singh for demonstrating

☒ Results Matter	☐ Own It	☐ Focused Execution
☐ Nurture Trust	☐ Tell Me	☒ Shared Success

In the following manner:

✓ The warm welcome and hospitality of Anup Singh for meeting and site visit to fabrication plant for PETRONAS delegates to learn more about PET.

By doing this, you have positively impacted the following key result:
improved
operational knowledge on PETROCS and visiting interest in
the value of PET-CONCRETE and PETRONAS value
Benny Rajan 18/12/2017
 Given by Date

Panelist of Reservoir Management & Surveillance Summit



SpotlightSM
on new
TECHNOLOGY

OTC Asia Award – VOC-RS™



ADIPEC 2023 Developing Economies Energy Company of the Year Award Finalist



PARTNERS

Since its inception, NGLTech has provided a broad range of services from concept select, feasibility study, design review and audit, FEED through detailed engineering design, and specialist engineering studies to a wide selection of clients, locally and abroad.

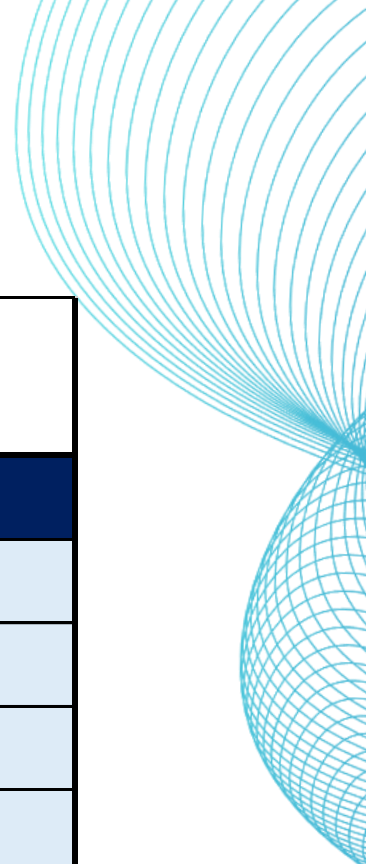


CLIENTS

Since its inception, NGLTech has provided a broad range of services from concept select, feasibility study, design review and audit, FEED through detailed engineering design, and specialist engineering studies to a wide selection of clients, locally and abroad.

 PETRONAS	 misc moving energy	 HESS	 VESTIGO Investigate, Seek, Explore	 Petrofac	 International Petroleum Corp.	 PTTEP
 BUMIARMADA	 HBA Future Energy	 MCDERMOTT	 DIALOG	 ENEOS	 Shell	 EPOMS
 ExxonMobil	 TAMARIND	 TC Engineering	 Shapoorji Pallonji	 ophir	 GRYPHON ENERGY	 Seatrium
 Ranhill Worley energy chemicals resources	 wood.	 FPSO ventures	 DELEUM	 SEHVA KOREA	 Apache	 HANOCHEM TIĀKĀ SAMUĀĀRA
 2H offshore	 MUHIBBAH ENGINEERING (M) BHD	 HYDAC	 Honeywell UOP	 TALISMAN ENERGY	 T.EN TECHNIP ENERGIES	 SIEMENS

EPC TRACK RECORD



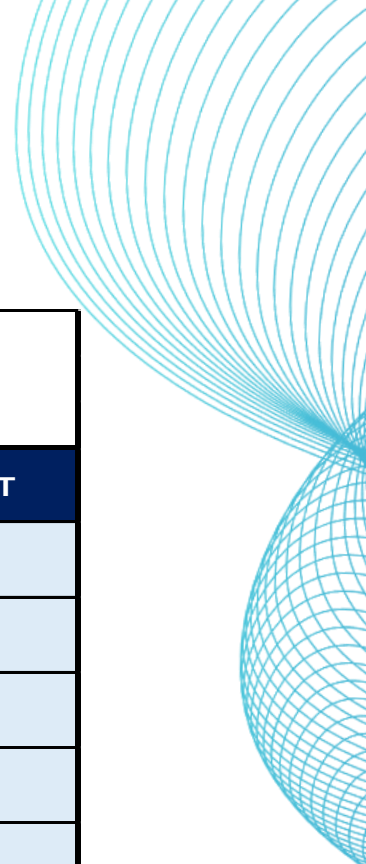
 EPC PROJECT TRACK RECORD					
NO	PROJECT NAME	FACILITIES LOCATION	CLIENT/ OWNER	SCOPE OF WORK	DATE OF CONTRACT
1	Condensate Stabilization Package	Block B, Vietnam	McDermott/ Petrovietnam PQPOC	EPC	2024
2	SEP-iSYS™ CSRS Compact Desander	Helang , Offshore Sarawak	ENEOS Xplora	FEED and EPC	2023
3	Low Pressure Production Unit and Gas Recovery System	West Lutong , Offshore Sarawak	PETRONAS Carigali (SKO)	EPCIC	2023
4	Crude Stabilization Module for Marlin Natuna FPSO	Forel, Indonesia	Consortium PT Hanochem Tiaka Samuedra / MedcoEnergi	EPC	2023
5	Low Pressure Condensate Recovery System (LP-CRS) for FPSO Intrepid	Galoc, Philippines	Matahio Energy	EPC	2018
6	Condensate Mercury Removal Skid	NC3, Offshore Sarawak	HYDAC Technology / Sapura Energy	EPC	2018
7	Low Pressure Condensate Recovery System (LP-CRS)	Tembikai, Offshore Peninsular Malaysia	Vestigo Petroleum	EPC	2018
8	SEP-iSYS™ CSRS Bulk Desander with Sand handling system	Bokor, Offshore Sarawak	PETRONAS Carigali (SKO)	EPC	2017
9	3-Trains of SEP-iSYS™ Inlet Production System , SEP-iSYS™ Sand Removal System, Sand Wash System	Rotan, Offshore Sarawak	PETRONAS	EPC	2018
10	Umbrella Contract for Supply and Services of Desander Equipment and its Associated Accessories	Malaysia Wide	PETRONAS Carigali	CONCEPT, FEED, DETAIL DESIGN, EPC & OPERATION	2017 - 2022
11	SEP-iSYS™ Crude Stabilisation Unit for Ledang FPSO	Ophir, Offshore Peninsular Malaysia	MTC Engineering	EPC	2017
12	SEP-iSYS™ CSRS Wellhead Desander	Baronia, Offshore Sarawak	PETRONAS Carigali (SKO) Sdn Bhd / Ophir	EPC	2016 - 2017
13	Low Pressure Condensate Recovery System (LP-CRS) for MaMPU FPSO	Anjung Kecil, Offshore Sarawak	MISC	EPC	2016 - 2018
14	SEP-iSYS™ Low Pressure Production Unit (LPPU) - 2 units	Angsi, Offshore Peninsular Malaysia	PETRONAS Carigali (PMO)	EPC	2016
15	SEP-iSYS Crude Stabilisation Unit for MaMPU FPSO	Anjung Kecil, Offshore Sarawak	MISC	EPC	2014 - 2015
16	SEP-iSYS™ Low Pressure Production Unit (LPPU)	West Lutong, Offshore Sarawak	PETRONAS Carigali (SKO)	EPC	2014
17	Sep-iSYS™ Early Production System for Nautica Muar FPSO	AJK KMSE, Offshore Sarawak	MTC Engineering / Petronas Carigali	EPC	2012 - 2013

ENGINEERING TRACK RECORD 1/3



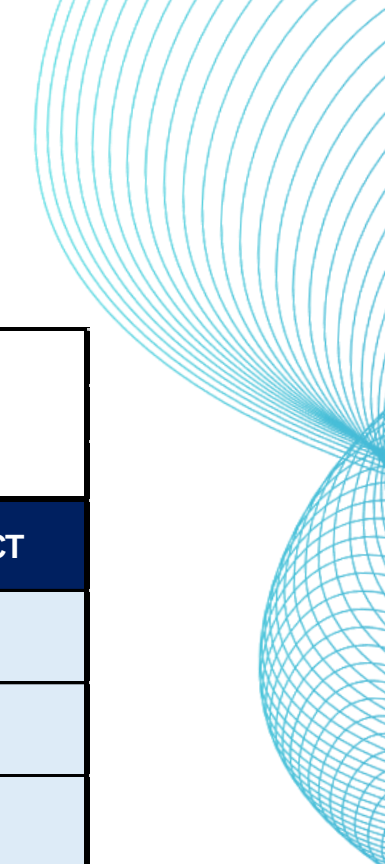
 ENGINEERING TRACK RECORD					
NO	PROJECT NAME	FACILITIES LOCATION	CLIENT/ OWNER	SCOPE OF WORK	DATE OF CONTRACT
1	Engineering for Separator Sand Removal System	Block B, Vietnam	PQPOC / McDermott	Detailed Design	2025
2	Engineering Services For LPPU + GRS	Temana, Offshore Peninsular Malaysia	Petronas Carigali	FEED	2024
3	Process Engineering Support for P82 FPSO Topsides	Brazil	Ranhill Worley / Petrobras	Detailed Design	2023
4	Feasibility Study for LP-CRS on FPSO Intrepid	Philippines	Matahio Energy	Feasibility Study and Basic Engineering	2023
5	Basic Engineering Design of Reinjection Compression System Upgrade for Montara Venture FPSO	Australia	Jadestone Energy	Basic Engineering Design	2023
6	Seawater Injection & PW Treatment Module & TEG Package	Brazil	National Oil Varco / SBM	Detailed Design	2022
7	Engineering for AGOGO Full Field FPSO Project.	Nigeria	Shapoorji Pallonji Group	FEED Design Competition	2021 - 2022
8	Seawater Injection & PW Treatment Module & TEG Package	Brazil	National Oil Varco / SBM	Detailed Design	2021
9	MaMPU 1 Redeployment from AJK Field to Bentara Field	Bentara, Malaysia	MISC	Detailed Design	2021
10	Basic Engineering For Larut Infill	Larut, Malaysia	Vestigo Petroleum	Basic Engineering Design	2021
11	Limbayong Flare Study	Limbayong FPSO	Yinson	Basic Engineering Design	2021
12	Installation of Low Pressure Condensate Recovery System (LPCRS) for Temana A	Temana, Offshore Peninsular Malaysia	Petronas Carigali (PCSB)	Detailed Design	2020 - 2021
13	FPSO Kikeh GHG Emission Reduction Study	Sabah, Malaysia	MISC	Concept Select	2020
14	FPSO for Okwok Field Development	Okwok, Nigeria	HBA Offshore	Adequacy Check	2020
15	Berantai Gas Development Study and Basic Engineering	Offshore Terengganu, Peninsular Malaysia	Vestigo Petroleum	Feasibility Study and Basic Engineering	2020
16	West Desaru Low Pressure-Condensate Recovery System (LP-CRS)	West Desaru, Offshore Peninsular Malaysia	Petrofac	FEED	2019 - 2020
17	FPSO Topside Facility for Nam Du and U Minh Development	Nam Du and U Minh, Vietnam	HBA Offshore	FEED	2019 - 2020
18	FPSO Topside for Nelp Block KG-DWN-98/2 Development Project	India	Kavin Engineering / SPOG	Detailed Design	2019 - 2020
19	Low Pressure Condensate Recovery System (LP-CRS)	Bekok-A, Offshore Peninsular Malaysia	Deleum Primera / PETRONAS Carigali (PMA)	Concept & FEED	2019

ENGINEERING TRACK RECORD 2/3



 ENGINEERING TRACK RECORD					
NO	PROJECT NAME	FACILITIES LOCATION	CLIENT/ OWNER	SCOPE OF WORK	DATE OF CONTRACT
20	Produced Water System Upgrade (PWSU) Project for WHP and FPSO Topside	Bertam, Offshore Peninsular Malaysia	EPOMS	Concept, FEED & Detailed Design	2019
21	Low Pressure Condensate Recovery System (LP CRS)	West Desaru, Offshore Peninsular Malaysia	Petrofac	Concept & FEED	2019
22	Very Low Sulphur Fuel Oil (VLSFO) System for FPSO	Northern Endeavour FPSO, Australia	Northern Oil & Gas Australia	Concept & FEED	2019
23	Low Pressure Condensate Recovery System (LP CRS)	Tapis, Offshore Peninsular Malaysia	ExxonMobil Exploration & Production	Concept & FEED	2018 - 2019
24	Low Pressure Condensate Recovery System (LP CRS)	Temana, Offshore Peninsular Malaysia	PETRONAS Carigali (SKO)	Concept & FEED	2018 - 2019
25	Portable Container Station (PCS) Dispenser Skid	Sarawak	OGPC	Detailed Design	2018
26	Ultra Low Sulfur Automotive Diesel Oil (Ulsado) Project - Petron Distillate Unionfining Process	Port Dickson, Malaysia	Honeywell UOP	FEED	2018
27	PPL Separex Project	Indonesia	Honeywell UOP	Detailed Design	2018
28	Engineering and Pipe Stress Support	Shell Bukom APSA T7	PEC	Detailed Design	2017 - 2018
29	Umbrella Contract Provision of Design Engineering Services	Ophir, Offshore Peninsular Malaysia	Ophir Production	Umbrella Engineering	2017 - 2018
30	Engineering Services Contract for Lundin Malaysia B.V	Bertam, Peninsular Malaysia	Lundin B.V	Umbrella Engineering	2015 - 2018
31	Engineering Consultancy for Husky Madura Project	Madura Strait, Offshore Indonesia	Bumi Armada	Detailed Design	2015
32	Computational Fluid Dynamics (CFD) & Finite Element Analysis (FEA)	Singapore	Jimmy Lea Chartered Engineers	Detailed Design	2015
33	PPL Separex Project	Gambat South Block, Pakistan	UOP Honeywell	Detailed Design	2015
34	TAIF Project	Saudi Arabia	KNM Process	Concept	2015
35	WHP For Bokor Phase 3 Re-Development Project	Bokor, Offshore Sarawak	Muhibbah Engineering/ Petronas	FEED Design Competition	2015
36	DRCF & GDU for Pre-treatment & CO2	K-5, Offshore Sarawak	Honeywell UOP	Concept, FEED & Detailed Design	2014 - 2015
37	Cobalt Piping & Auto CADers	Angola	Bumi Armada Bhd	Concept, FEED & Detailed Design	2014
38	Kraken FPSO	Kraken FPSO	Bumi Armada	Design Review	2014
39	ETAN FPSO	ETAN FPSO	Bumi Armada	Concept & FEED	2014

ENGINEERING TRACK RECORD 3/3



 ENGINEERING TRACK RECORD					
NO	PROJECT NAME	FACILITIES LOCATION	CLIENT/ OWNER	SCOPE OF WORK	DATE OF CONTRACT
40	FZ-A Project (Phase 2)	FZ-A CPP	SEHWA	Concept, FEED & Detailed Design	2014 - 2015
41	Topside Engineering	Tanjong Baram, Offshore Sarawak	2H Offshore Engineering	FEED & Detailed Design	2014
42	TGT FPSO Capacity Check & Debottlenecking Study (Phase 1)	TGT FPSO. Offshore Vietnam	Bumi Armada	Adequacy Check	2014 - 2015
43	Launcher/Receiver for Crude Oil Import Pipeline	Tinh Gia District, of Thanh Hóa Province, Vietnam	Wood Group Kenny	FEED	2014
44	KUDU Gas to Power Project	KUDU, Namibia	Bumi Armada	Concept, FEED & Detailed Design	2014
45	Design Review for Bonga South West	Bonga South West	Bumi Armada	Basic Design & Proposal Engineering	2014
46	Topside Facilities for WAHOO Field Development	WAHOO	Bumi Armada	Concept & FEED	2014
47	SEP-iSYS™ Low Pressure Production Unit	Offshore Sarawak	PETRONAS Carigali (SKO)	Concept, FEED & Detailed Design	2013 - 2014
48	Samarang Redevelopment Project Phase 2 (SMP-C)	Offshore Sabah	PETRONAS Carigali (SBA)	Detailed Design	2013
49	FZ-A Project (Phase 1)	FZ-A CPP	SEHWA	Concept, FEED & Detailed Design	2013 - 2014
50	Kinabalu Platform Debottlenecking	Kinabalu, Offshore Sabah	Talisman Malaysia	Concept	2013
51	Madura Temporary Production Facility	KE-38, Offshore Madura, Indonesia	Gryphon Energy Asia Pacific	Concept & Detailed Design	2013
52	Early Production System	NA	Gryphon Energy Asia Pacific	FEED & Detailed Design	2013
53	Balnaves Field FPSO	Balnaves, Western Australia	Apache Energy	Concept, FEED & Detailed Design	2012 - 2013
54	SEP-iSYS™ and topside facilities of D1 FPSO	India	ONGC	Concept, FEED & Detailed Design	2012
55	SEP-iSYS™ and topside facilities of TGT FPSO	Vietnam	HLJOC	Concept, FEED & Detailed Design	2010 - 2010

THANK YOU



For more information::

Website: www.ngltech.com

LinkedIn: <https://my.linkedin.com/company/ngltech-sdn-bhd->

Contact: +603 2164 4068

Email: contactus@ngltech.com

Address: Suite 8-3A, 8th Floor Wisma UOA II.
No.21 Jalan Pinang, 50450 Kuala Lumpur, Malaysia.