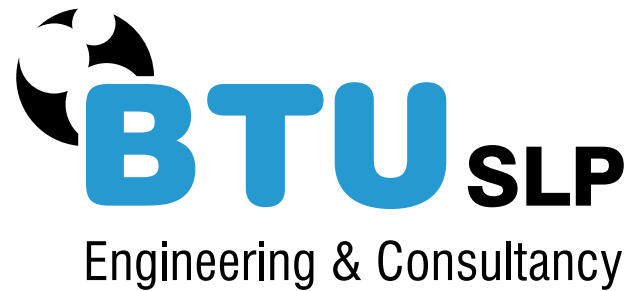


ENGINEERING & CONSULTING SERVICES



COMPANY PROFILE JANUARY 2024

SUMMARY

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THE COMPANY

BTU SLP is an engineering and consultancy company dedicated to the energy sector, focusing in Oil & Gas and Renewable energy markets.

In more than 20 years of activity we have developed engineering & consultancy projects in Europe, Middle East, Africa and Latin America.

BTU SLP can offer global solutions for the engineering & consultancy matters, holding a strong international experience is able to provide specific solutions for each and every scenario.



BTU OFFICE BARCELONA



OUR TEAM

The **BTU SLP** team is composed by skilled professionals with a great experience in the Oil&Gas Industry at an international and national level.

BTU has a vast experience in Oil & Gas midstream and downstream market as well as in the energy market.



Based on Experience, Skills, Efficiency, Flexibility and Specialization, **BTU SLP** is ready help the client achieve his objectives.

BTU SLP experts are capable of leading projects throughout the whole project process, providing solutions and satisfying the customer needs.

FIELDS OF ACTIVITY

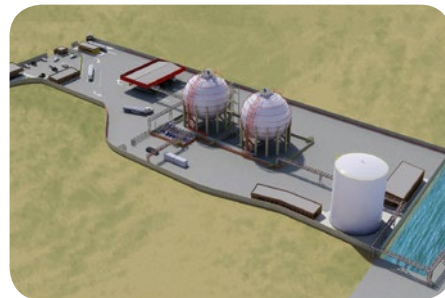
The midstream and downstream oil & gas markets are the main company field of expertise.



LPG & WHITE PRODUCTS SEA TERMINAL.
STOCKGAP FUELS. PORT HARCOURT, NIGERIA



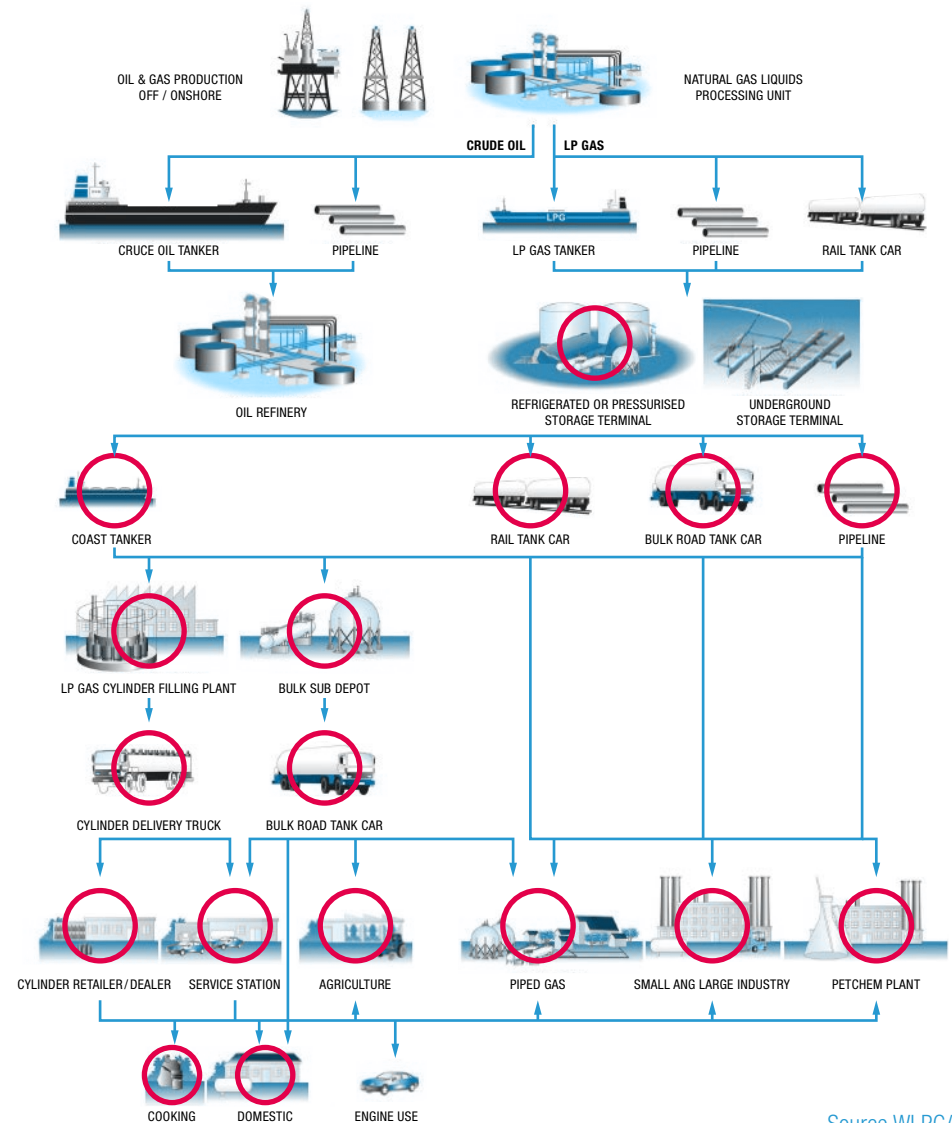
LPG SEA TERMINAL NAVGAS LTD.
LAGOS, NIGERIA



LPG SEA TERMINAL. CORTECH OIL SERVICES.
ONNE, NIGERIA



LPG STORAGE PLANT,
EL ALTO, BOLIVIA



Source WLPGA

FIELDS OF ACTIVITY

BTU SLP is also focused in the following Energy Sectors:

■ Heating and cooling systems



EXAMPLE OF HEATING AND COOLING INSTALLATION

■ Photovoltaic Installations



EXAMPLE OF PV ROOFTOP INSTALLATION

■ HVAC systems



EXAMPLE OF HVAC INSTALLATION

■ Boiler rooms



EXAMPLE OF STEAM BOILER INSTALLATION

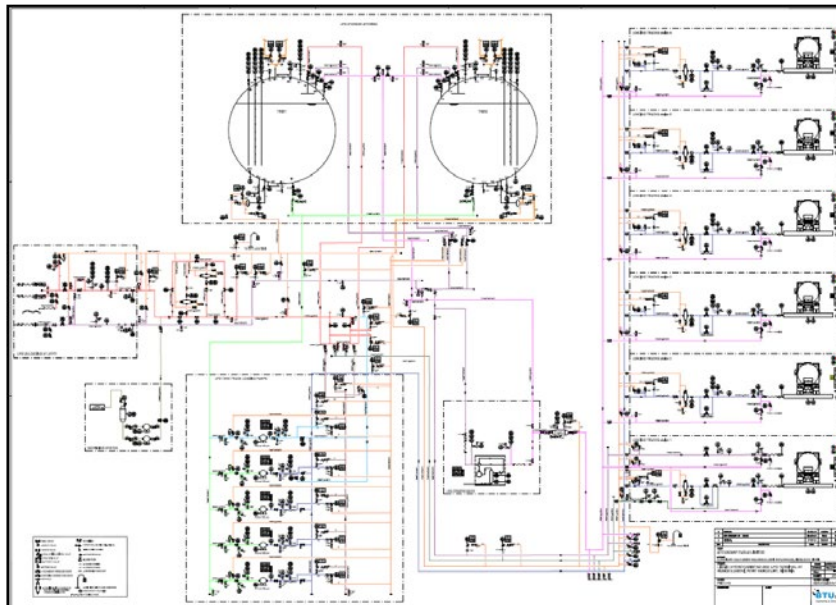
■ Electrical and Gas networks



EXAMPLE OF GAS NETWORK INSTALLATION

ENGINEERING

- Conceptual Design
- Front End Engineering Design (FEED)
- Detailed Engineering Design (DED)
- Commissioning
- Value Engineering



EXAMPLE OF P&ID DIAGRAM FOR LPG STORAGE TERMINAL

CONSULTANCY

- Project feasibility studies
- Project Management
- Construction management & supervision
- Packages and tenders' definition; technical, economical and operational decisions
- Operation, commissioning and maintenance procedures
- Assistance and support for the first filling operations for LPG/LNG plants and sea terminals
- Technical & safety due diligences
- HAZID & HAZOP Studies

BTU SLP has engineered specific products for the **LPG African market**.

MODULAR LPG CYLINDER FILLING PLANT

■ Filling Containerized Unit, composed of:

- LPG Filling Scales
- Firefighting and Gas Detection System
- Electrical Cabling and Connections

■ LPG Tank Containerized Unit, composed of:

- LPG Tank
- LPG Pump and accessories



EXAMPLE OF CONTAINERIZED UNIT FOR LPG FILLING

LPG AUTOGAS STATION

■ LPG Compact Skid Unit, composed of:

- LPG Tank
- LPG Pump and accessories
- LPG Valves and Piping
- LPG Dispenser



EXAMPLE OF AUTOGAS COMPACT SKID UNIT

BTU OFFERS THE ENGINEERING, EQUIPMENT SUPPLY AND COMMISSIONING OF THESE PRODUCTS

MAIN REFERENCES

Client: STOCKGAP FUELS

■ Year: 2022 - ON GOING

- 4 LPG Bottling Plants
- PHC Terminal Extension - LPG
- PHC Terminal Extension – Bitumen Storage Plant
- **Location:** Several locations in Nigeria

■ Duties:

- Procurement management
- Engineering & Consultancy
- Project Management



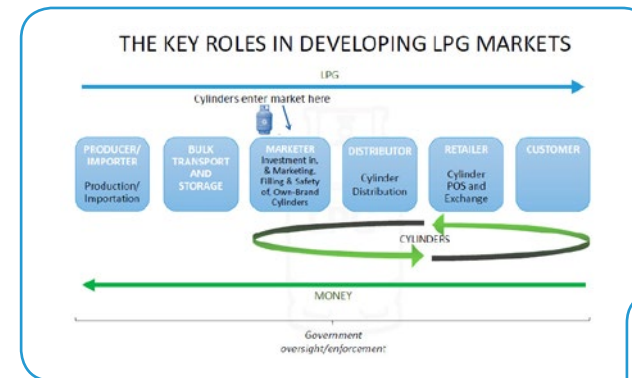
Client: IFC

■ Year: 2022 - ON GOING

- LPG Best Practices Program

■ Duties:

- Consultancy
- LPG Expertise



OIL & GAS PROJECTS

MAIN REFERENCES

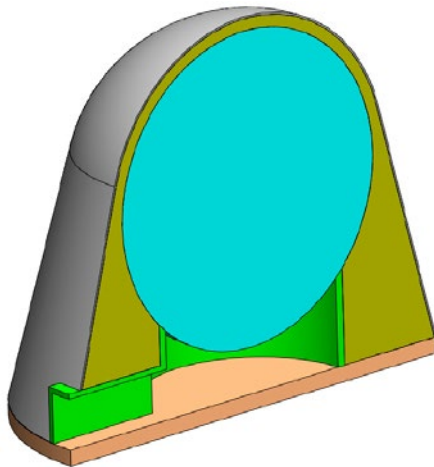
Client: PRIMAGAS

■ Year: 2022

- LPG Sea Terminal 4.000 m³ LPG Capacity – Protection system for mounded spheres
- **Location:** Barcelona, Spain

■ Duties:

- Conceptual Design
- Consultancy



Client: SALTA ENERGY

■ Year: 2022

- LPG Cylinder Filling Plant
- 400 m³ LPG Capacity
- **Location:** Punta Europa, Equatorial Guinea

■ Duties:

- Site Audit and report



OIL & GAS PROJECTS

MAIN REFERENCES

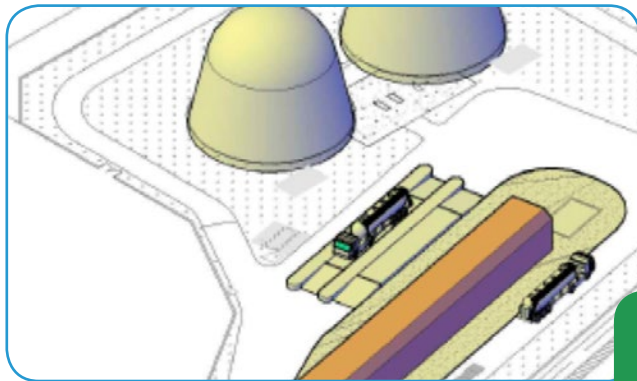
Client: KOALAGAS

■ Year: 2021

- LPG Sea Terminal capacity extension
- **Location:** Barcelona, Spain

■ Duties:

- Conceptual Design
- Consultancy



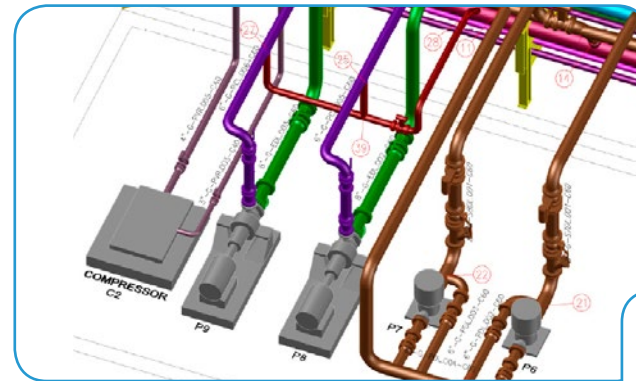
Client: STOCKGAP FUELS

■ Year: 2021

- LPG Sea Terminal
- 16.400 m³ LPG Capacity extension - LPG Blending Unit
- New Propane facilities
- **Location:** Port Harcourt, Nigeria

■ Duties:

- Detailed Design
- Consultancy



OIL & GAS PROJECTS

MAIN REFERENCES

Client: KURRENT TECHNOLOGIES / OLA ENERGY

■ Year: 2020

- LPG sea Terminal
- Storage Capacity: 53.000 m³ LPG
- **Location:** Mombasa, Kenya

■ Duties:

- FEED
- Consultancy
- LPG Expertise



Client: HYDE ENERGY

■ Year: 2020

- LPG sea Terminal
- Storage Capacity: 24.000 m³ LPG
- **Location:** Rivers State, Nigeria

■ Duties:

- Conceptual Design
- Consultancy
- LPG Expertise



OIL & GAS PROJECTS

MAIN REFERENCES

Client: KOALAGAS

■ Year: 2019

- LPG Spheres Pressure Test with acoustic emissions
- **Location:** Barcelona, Spain

■ Duties:

- Consultancy
- LPG Expertise



Client: DISA

■ Year: 2019 - 2021

- LPG Storage Plant
- Storage Capacity: 300 m³ LPG
- **Location:** Lloseta, Spain

■ Duties:

- Consultancy
- Construction management



OIL & GAS PROJECTS

MAIN REFERENCES

Client: PRG / GASCO

■ Year: 2018

- Commercial Transformation Program (CTP)

■ Duties:

- Consultancy
- LPG Expertise



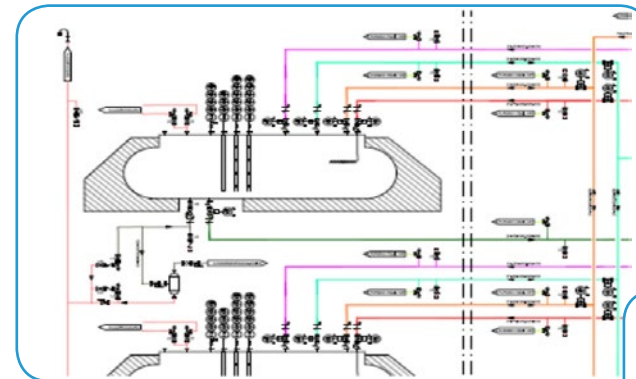
Client: TRESCOLLERVEIS / DISA

■ Year: 2018

- LPG Storage Plant
- Storage Capacity: 300 m³ LPG
- **Location:** Lloseta, Spain

■ Duties:

- FEED
- Detailed Engineering Design



OIL & GAS PROJECTS

MAIN REFERENCES

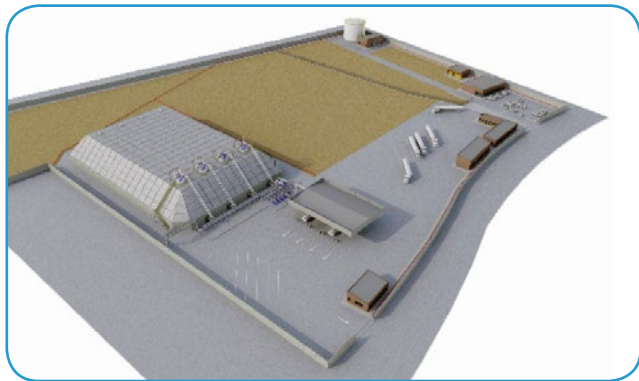
Client: **EAGCL**

■ Year: 2017

- LPG Sea Terminal
- Storage Capacity: 16.000 m³ LPG
- **Location:** Mombasa, Kenya

■ Duties:

- Conceptual Design



Client: **CORTECH OIL SERVICES**

■ Year: 2017

- LPG Sea Terminal
- Storage Capacity: 18.000 m³ LPG
- **Location:** Port Harcourt, Nigeria

■ Duties:

- Conceptual Design



OIL & GAS PROJECTS

MAIN REFERENCES

Client: PUMA ENERGY

■ Year: 2015 - 2017

- LPG and White Products Sea Terminal
- Storage Capacity:
 - 108.000 m³ White Products
 - 8.000 m³ LPG
- **Location:** Tema, Ghana

■ Duties:

- Engineering Review
- Consultancy



Client: STOCKGAP FUELS

■ Year: 2014

- 3 Service Stations with 10 dispensers for PMS, 1 dispenser for AGO, 1 dispenser for PMS
- **Location:** Rivers State & Abia State, Nigeria

■ Duties:

- Detailed Engineering Design
- Procurement assistance
- Consultancy



OIL & GAS PROJECTS

MAIN REFERENCES

Client: PPS

■ Year: 2014

- LPG Sea Terminal
- Storage Capacity: 1.800 m³ LPG
- **Location:** Aveiro, Portugal

■ Duties:

- Studies
- Consultancy



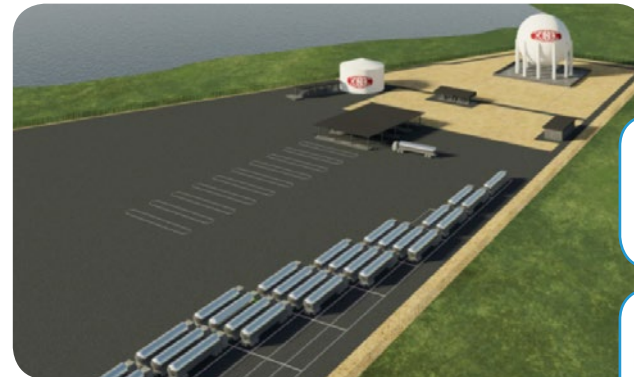
Client: FELGUERA / TSL LOGISTICS

■ Year: 2013

- 3LPG Sea Terminal
- Storage Capacity: 8.500 m³ LPG
- **Location:** Okrika, Rivers State, Nigeria

■ Duties:

- Studies
- Consultancy



Felguera-I.H.I., s.a.

OIL & GAS PROJECTS

MAIN REFERENCES

Client: STOCKGAP FUELS

■ Year: 2013 - 2018

- LPG and White Products Sea Terminal
- Storage Capacity:
 - 120.000 m³ White Products
 - 16.000 m³ LPG
- **Location:** Port Harcourt, Nigeria

■ Duties:

- Conceptual design
- FEED
- DED
- Procurement management
- Consultancy



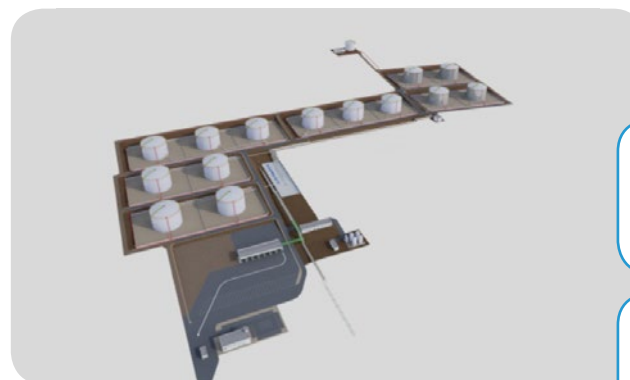
Client: FCC / FELGUERA

■ Year: 2013

- White Products Sea Terminal
- Storage Capacity: 428.000 m³ White Products
- **Location:** Tripoli, Lebanon

■ Duties:

- Conceptual design
- FEED



Felguera-I.H.I., s.a.

OIL & GAS PROJECTS

MAIN REFERENCES

Client: FCC / FELGUERA

■ Year: 2012

- LPG Sea Terminal
- Storage Capacity: 15.000 m³ LPG
- **Location:** Lima, Peru

■ Duties:

- Studies
- Consultancy



Fi felguera-I.H.I., s.a.

Client: FELGUERA

■ Year: 2012

- Refrigerated LPG Storage Tank
- Storage Capacity: 60.000 m³ LPG
- **Location:** Quintero, Chile

■ Duties:

- FEED



Fi felguera-I.H.I., s.a.

OIL & GAS PROJECTS

MAIN REFERENCES

Client: ORYX OIL & GAS

■ Year: 2012

- LPG and Bioethanol Storage Terminal. Storage
- Capacity:
 - 2.000 m³ LPG
 - 17.000 m³ Bioethanol
- **Location:** Freetown, Sierra Leona.

■ Duties:

- Studies
- Consultancy



Client: INDOX / YPFB

■ Year: 2010 - 2012

- Storage Expansion for LPG Plants of Senkata and Villamontes
- Storage Capacity:
 - 1.500 m³ (Senkata)
 - 450 m³ (Villamontes)
- **Location:** Bolivia

■ Duties:

- Project Management
- Construction Management
- DED
- Commissioning



OIL & GAS PROJECTS

MAIN REFERENCES

Client: NAVGAS

■ Year: 2007 - 2010

- LPG Sea Terminal
- Storage Capacity: 16.000 m³ LPG
- **Location:** Lagos, Nigeria

■ Duties:

- FEED
- DED
- Commissioning



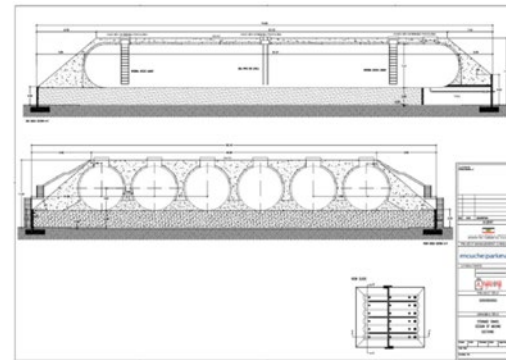
Client: INGAS / MOUCHEL / KOTC

■ Year: 2006 - 2009

- LPG Storage, Distribution and Filling Plant
- Storage Capacity: 14.100 m³ LPG
- **Location:** Um Al Aish, Kuwait

■ Duties:

- Conceptual design
- FEED



OIL & GAS PROJECTS

CONTACT DETAILS

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