

Global Propane & Butane Markets Overview and Forecast to 2025

Discover the drivers of both commodities within each region and the effect of supply/demand dynamics of each product on pricing, trade, petchems, retail/industrial uses and shipping.



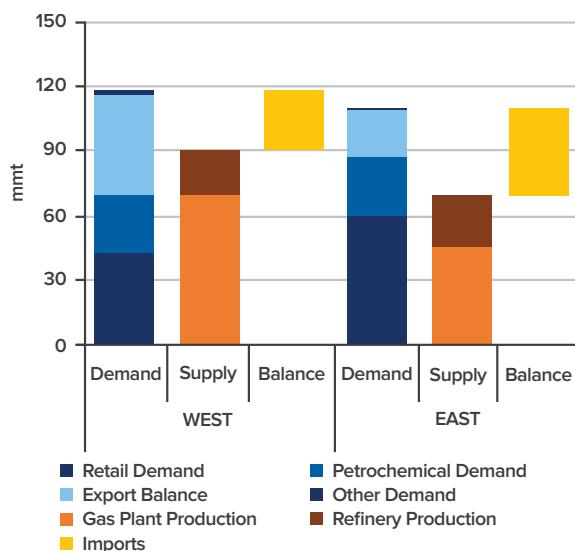
Global Propane & Butane Markets: The Dynamics of Divergence

Key questions to be answered in the report:

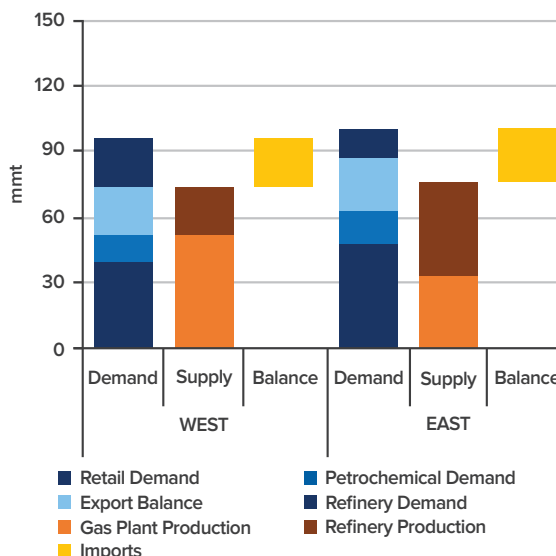
- Global supply has reached an all-time high – how will producing countries cope with increasing liquids production and what is the scope for utilisation within each country?
- Where will ethane, propane and naphtha rank as cracker feeds in each region in the future? Does the propylene market need more supply from PDHs and if so where will they be built?
- What market sector will be driving the fundamental prices of propane and butane?
- What underlying factors will shape the future of the propane and butane markets and what are the key influences?
- Which region(s) will be driving future propane and butane prices and why?
- With increased supply how much volume will head to the seaborne market and what are the implications for the VLGC market and hence freight rates?
- Will the increased growth in demand be within retail applications or within the large bulk sector for petrochemical and refinery use, and where?
- Will there be continued synergy between global pricing hubs or will Mont Belvieu dominance prevail?

NGLStrategy's new multi-client study looks at these developments and presents its view on how global propane and butane markets will evolve to 2025 and how this will impact pricing, petrochemicals and shipping. It will provide companies with a basis for investment decisions and forming new strategies.

Propane Supply/Demand Balance 2018



Butane Supply/Demand Balance 2018



Michael Panas
Managing Consultant
Tel: +1 281 436 9565
Cell: +1 415 606 0847
mpanas@nglstrategy.com

Peter Manning
Senior Consultant
Tel: +1 281 436 9565
Cell: +44 (0) 20 8532 0464
pmanning@nglstrategy.com

Emma Lamb
Lead Consultant
Tel: +1 281 436 9565
Cell: +44 (0) 7708 370 809
elamb@nglstrategy.com

Global Propane & Butane Markets Overview and Forecast to 2025

Discover the drivers of both commodities within each region and the effect of supply/demand dynamics of each product on pricing, trade, petchems, retail/industrial uses and shipping.



TOPICS WILL INCLUDE:



Propane/Butane Supply & Demand

- Country analysis of propane and butane markets for the period 2018-2025
- Breakdown of supply and demand segments for each country
- Propane and butane trade flow estimates and forecast for the period 2018-2025



Propane/Butane Pricing and Economics

- The impact of product oversupply and other factors on global LPG pricing hubs
- Key economic and market factors per country that can affect global propane and butane prices
- Analysis of key pricedeterminants



Petrochemical Influence on Propane/Butane

- Overview of propane and butane's use within the petrochemical industry and its increasing importance
- Analysis of marginal consumer for propane and butane 2018-2025
- Affect of petrochemicals on global trade of propane/butane



VLGC Shipping

- VLGC supply and demand overview
- Shipping supply/demand analysis and freight forecast for the period 2018-2025 (including scenarios)
- VLGC investment potential towards 2025

FOR ORDERS AND FURTHER INFORMATION, PLEASE CONTACT US AT STUDIES@NGLSTRATEGY.COM OR AT +1 281 436 9565

STUDY AVAILABLE IN FEBRUARY / MARCH 2019



Michael Panas – Managing Consultant

Michael is a specialist in the field of NGL/LPG supply/demand, commercial and shipping. Michael has led a number of global NGL/LPG projects, focusing on commercial aspects, supply/demand issues, shipping analysis and supply/demand, price & freight forecasting. Michael started his career in the gas market in 2005 in the Greek shipping industry before working for Poten & Partners between 2007 and 2017 as an LPG senior consultant and subsequently manager of the NGL/LPG consulting practice. During his time as an NGL/LPG advisor, Michael has consulted on LPG economics, investment valuation, strategic/business analysis, infrastructure, due diligence and marketing projects including developing business plans and strategies for a wide range of companies. Michael, a Greek native, has a BSc in Shipping, Trade and Transport economics from the University of the Aegean in Greece and an MSc in Project Analysis, Finance and Investment at University of York. He is also a frequent speaker at various international NGL conferences. He is based in Houston.



Peter Manning – Senior Consultant

Peter has fifty years of experience in market analysis and developing corporate strategy in the petrochemical and energy sectors. He has in-depth knowledge of the petrochemical business (primarily ethylene, propylene, butadiene and their derivatives) and natural gas liquids markets - ethane, propane and butane. He has been a frequent speaker at conferences and seminars. He worked initially for Esso Chemical at Fawley, became Editor of European Chemical News (now ICIS Chemical Business) and began his consulting experience with Trichem Consultants, London in 1976. He subsequently opened a European office for CMAI (now part of IHS) before founding Peter Manning Associates (PMA). He has also worked for Poten & Partners, first as a consultant and more recently as a contractor through PMA. Peter brings extensive understanding of the interface between petrochemicals and their feedstocks, particularly NGLs - an understanding that has become increasingly relevant in assessing today's gas liquids markets. He obtained a BSc (Eng) degree in Chemical Engineering from Nottingham University. He is based in London.



Emma Lamb – Lead Consultant

A PhD graduate in chemistry, Emma has a thorough knowledge of the chemicals industry and its influence within commodity markets. Emma has led numerous LPG and NGL consulting assignments for many years and regularly provides market insight and advice to key players in the market on effective strategies. She is an expert in supply/demand modelling and trade flows for the global LPG market developing individual approaches for both propane and butane. Utilising her chemical expertise, she has a clear understanding of downstream LPG outlets, in particular European and Asian petrochemical applications. Previously Emma has worked at Poten & Partners as a consultant and analyst and holds a Masters in Chemistry from the University of St Andrews and a PhD from the University of Bath. She is a frequent speaker at global LPG conferences, most recently giving the keynote speech at the LP Gas Seminar in Tokyo in March 2018. Emma is currently based in London.

Michael Panas
Managing Consultant
Tel: + 1 281 436 9565
Cell: + 1 415 606 0847
mpanas@nglstrategy.com

Peter Manning
Senior Consultant
Tel: + 1 281 436 9565
Cell: + 44 (0) 20 8532 0464
pmanning@nglstrategy.com

Emma Lamb
Lead Consultant
Tel: + 1 281 436 9565
Cell: +44 (0) 7708 370 809
elamb@nglstrategy.com