



Market Analytics: Olefins - 2018

Market Analytics: Olefins - 2018 is one in a series of reports published as part of Nexant's Markets & Profitability program.

Market Analytics: Olefins - 2018 report provides an in-depth analysis of the olefins chain including:

- Ethylene
- Propylene
- Butadiene

Published: March 2018

Along with the written report, Nexant's Online Database includes supply, demand and trade analysis for 40 countries and global capacity listings updated on a monthly basis.

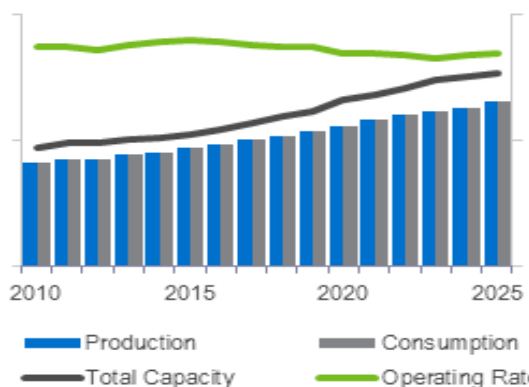
Report Abstract:

The global olefins markets remained in good health in 2016, with limited capacity addition and stable consumption growth providing high levels of profitability and high operating rates.

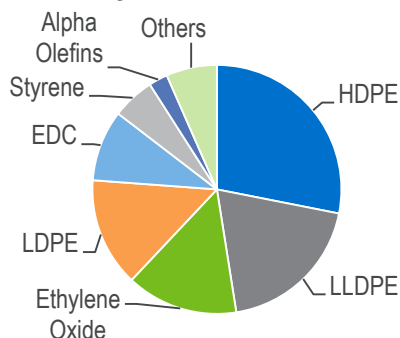
China's drop in headline economic growth figures does not seem to have impacted demand growth for petrochemicals, with polyolefin demand and especially the polyester industry performing very strongly during 2017.

The drop in oil prices has radically reduced the differentials in profitability in different regions. The Middle East producers with the most advantaged feedstock still have the lowest costs, although prices have remained sufficiently high to provide good returns for naphtha-based operators around the world, and also keep the new coal-based market entrants in China in operation. The differentials between olefin values were abnormally high during much of 2016, with ethylene prices very high, and those for propylene and butadiene very low. Propylene values have been depressed by the surge in production from MTO/MTP in China, and more importantly PDH in several regions. Butadiene was in oversupply mostly due to the influence from low natural rubber prices, although both the natural rubber and butadiene markets tightened rapidly in late 2016, providing a significant co-product return for naphtha-based cracker operators.

Global Ethylene Supply, Demand and Trade
million tons



Global Ethylene Demand, 2016-e



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shortness of ethylene supply in some regions encouraging higher severity operation.



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 - B. The Olefins Industry – Technology
- Chapters 3 to 5 are segmented by key geographic region:
- North America
 - South America
 - Eastern Europe
 - Middle East
 - Africa
 - Asia Pacific

Each region/country is further segmented by:

- **Consumption:** Assesses historic and forecast consumption; forecasts are based on projections of end use and economic activity.
- **Supply:** Includes a list of all producers, their production capacity, location, etc., and discussion of the status of new projects.
- **Supply, Demand and Trade:** Provides historical analysis and forecasts to 2035 of consumption, production, imports/exports, inventory build-up/decline, capacity and capacity utilization.

This analysis will identify the issues shaping the industry, as well as provide an independent appraisal of the market.

Subscription Details:

Subscription to **Market Analytics: Olefins - 2018** includes:

- 12 month access via the Nexant website, to:
 - Unlimited downloads of PDF reports
 - Downloadable data in Excel from the Online Database
 - Webinar
 - Consultation time with the project team
- Customized subscriptions are available

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The **Markets and Profitability** program comprises of the well-known Petroleum and Petrochemical Economics (PPE), PolyOlefins Planning Service (POPS), Strategic Business Analysis (SBA) and World Gas Analytics (WGAS).

Markets and Profitability tracks over 60 feedstocks, petrochemicals, polymers, chemical intermediates and fertilizers on an ongoing basis and provides regularly updated reports covering all commercial aspects of these global industries. The accompanying database, provides global analysis and forecasts in two major inter-related areas: **Markets and Profitability**.

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