

# 中国 $\alpha$ -烯烃市场与技术论坛

## Alpha Olefins Market & Tech Conference

11.22-23  
合肥 Hefei | 2018



主办  
Organizer



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*English-Chinese Simultaneous Interpretation will be provided.*

### Background

Alpha olefins are important comonomers for the production of high performance linear low density polyethylene (LLDPE) and high density polyethylene (HDPE), also important raw material of high-end lubricants, plasticizers, surfactants and other fine chemicals.  $\alpha$ -olefins mainly include butene-1, hexene-1, octene-1, decene-1, dodecene-1 and other linear  $\alpha$ -olefins (LAO) products. The main production process includes ethylene oligomerization, CTL by-product extraction, mixed C4 separation, and paraffin cracking.

Globally, driven by the growth of plastics, automotive, construction and other industries, the annual growth rate of the LAO market is about 5% from 2010 to 2017. In 2017, the application of LAO in the field of polyolefin comonomers occupied the largest share, reaching 55%. Stimulated by excellent economic benefits and market demand, petrochemical giants, including SHELL, INEOS, Sasol, etc. have added  $\alpha$ -olefins investment, and China's petrochemical and coal chemical companies are actively deploying the industry.

The industrialization process of China's  $\alpha$ -olefins products are slow,  $\alpha$ -olefins capacity is still insufficient. Actene-1 and decene-1 are heavily dependent on imports. In the process of growing demand for high-end lubricants, and the upgrading of polyolefin industry, the development of  $\alpha$ -olefins production technology and downstream utilization is extremely urgent. How the  $\alpha$ -olefins market growth space? What are the latest developments in technology and applications? What are the opportunities for both multinationals and national companies to invest in  $\alpha$ -olefins?

**Alpha Olefins Market & Tech Conference 2018** will be held on **Nov. 22-23** in **Anhui**, China. The conference will discuss the current status and trends of the global and Chinese  $\alpha$ -olefins market;  $\alpha$ -olefins production technology progress and industrial layout;  $\alpha$ -olefins project investment; high-end polyolefin development trend and  $\alpha$ -olefins market capacity; poly  $\alpha$ -olefins (PAO) key technology development and industrialization; LAO and PAO project investment & economics, etc. The conference will also arrange industrial visits.

### Topics

1. Global linear  $\alpha$ -olefins (LAO) market, technology status & trends
2. International polyolefin pattern changes &  $\alpha$ -olefins capacity shifting trend
3. China's polyolefin capacity expansion and  $\alpha$ -olefins demand growth trend
4. Progress and innovation in  $\alpha$ -olefins production technology (ethylene oligomerization, CTL by-product extraction, etc.)
5. mPAO technology development and industrialization
6. PAO base oil market status and prospects
7.  $\alpha$ -olefins projects investment & economics
8.  $\alpha$ -olefins upstream and downstream projects layout and supporting construction
9.  $\alpha$ -olefins refining application route (surfactant, plasticizer, etc.)
10. Industrial visits

### Preliminary Agenda

**Nov.22, 2018      Thursday**

08:30~18:00      Industrial visits

**Nov.22, 2018      Thursday**

17:00~21:00      Pre- conference Registration

**Nov.23, 2018      Friday**

08:30~12:30      Speech

12:30~14:00      Networking Lunch

14:00~18:30      Speech

18:30~20:00      Banquet

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