

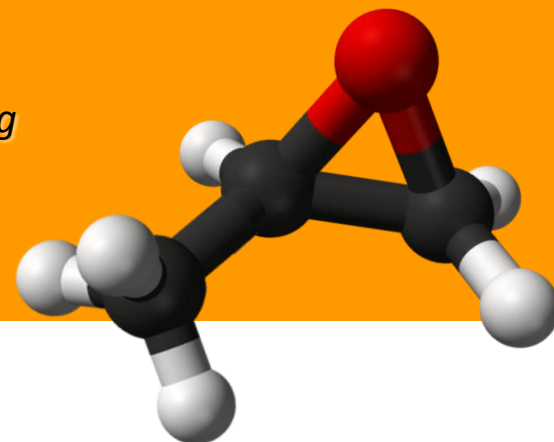
# 烯烃原料多元化论坛 **2018**

## Olefins Feedstock Diversification Forum

— 乙烷裂解与原料轻质化的机遇与挑战

— *Chances & Challenges of Lighter Feedstocks & Ethane Cracking*

**3.28-29 WuXi 无锡**



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### 会议背景

2017-2018年，国际油价迈入60-70美元区间，中国经济增长向好。2017年中国烯烃和聚烯烃进口量大增，进口乙烯和聚乙烯约1384万吨，年增长19%；进口丙烯和聚丙烯共约776万吨，年增长31%。国家政策重点推进，烯烃原料多元化将带来新的机遇与挑战。

美国乙烷出口条件日趋成熟，与中国签订多个沿海乙烷裂解项目。2017年，新浦化学、卫星石化、南山集团、聚能重工集团相继宣布进口乙烷制乙烯。公开报道显示，已经落实乙烷进口合约量超过550万吨/年。乙烷出口设施和超大型运输船也陆续建设和交付使用。

亚化咨询研究显示，2021年中国乙烯和丙烯产能将分别达到3950万吨/年和4400万吨/年，年均复合增长13%和9.4%。同时，烯烃创新技术路线蓄势待发。原油直接转化制烯烃，合成气直接制烯烃，甲烷制烯烃等工艺，并推进商业化。

中国大量烯烃产能，如何与美国、印度、中东展开竞争？“一带一路”战略对烯烃行业影响如何？乙烷裂解项目竞争力如何？新的乙烯多元化技术，对传统路线是否会造成冲击？

2018中国烯烃原料多元化论坛将于3月28-29日在无锡召开。会议将探讨2018-2023石化产业规划与原料多元化趋势；北美、中东与中国烯烃竞争力分析；乙烷裂解项目规划发展；美国乙烷市场供需、定价、政策、运输；新技术路线研发与中试等。会议将安排**参观全国十大化工园区之一的江苏泰兴经济开发区**。

### 会议主题

1. 2018-2023石化产业规划与原料多元化趋势
2. 北美、中东与中国烯烃竞争力分析
3. “一带一路”战略对烯烃行业的影响
4. 中国乙烷裂解项目规划发展
5. 美国乙烷市场供需、定价、政策、运输
6. 不同烯烃原料技术路线的竞争力
7. 新技术进展和商业化前景：合成气制烯烃、原油直接制烯烃、甲烷制烯烃
8. 烯烃原料轻质化与氢能，C4C5利用的发展机遇
9. CTO/MTO工厂的运营优化与产能扩张
10. PDH与MTO/MTP技术优化与项目规划

### 日程安排

#### 2018年3月27日

16:00-21:00 会前注册

#### 2018年3月28日

09:00-12:00 演讲报告

12:00-14:00 自助午餐与交流

14:00-18:00 演讲报告

18:00-20:00 招待晚宴

#### 2018年3月29日

09:00-15:00 商务考察

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### Background

From 2017 to 2018, the international oil price have entered the range of 60-70USD/bbl, and China's economy grow better. In 2017, imports of ethylene and PE totaled about 13.84Mt, an increase of 19%; imports of propylene and PP totaled about 7.76Mt, an increase of 31%. The national industrial policies continue to promote the diversification of olefins feedstock, which will bring new opportunities and challenges.

US ethane export conditions are maturing, a number of coastal ethane cracking projects have been signed in China. In 2017, XP Chemical, Satellite Petrochemical, Nanshan Group and Ganergy Heavy Industry Group announced to import ethane to produce ethylene. It is reported that the contract of ethane imports has already exceeded 5.5Mt/a. Ethane export facilities and very large vessels have also been built and delivered.

ASIACHEM study shows that, by the end of 2021, China's ethylene and propylene capacity will reach 39.5Mt/a and 44Mt/a respectively, with an average annual compound growth of 13% and 9.4%. Meanwhile, innovative technologies will be flourishing. Both foreign and domestic companies have developed processes of direct crude oil to olefins, syngas to olefins, methane to olefins technologies, and are pushing forward for commercialization.

How China's large olefin capacity to compete with the US, India and Middle East? How is the "One Belt, One Road" strategy affecting the olefin industry? How is the competitiveness of ethane cracker project? Whether new ethylene diversification technology will have impact on the traditional route?

Olefins Feedstock Diversification Forum 2018 will be held on Mar. 28-29 in Wuxi. An **industrial visiting to Jiangsu Taixing Economic Development Zone**, one of the top ten chemical industrial parks in the China will be arranged.

### Topics

1. National petrochemical planning & feedstock diversification outlook, 2018-2023
2. North America, Asia and China olefins competitiveness analysis
3. Impact of "One Belt, One Road" strategy on the olefin industry
4. China ethane cracking project planning and development
5. US ethane supply & demand, pricing, policies, transportation
6. Competitiveness comparison of different olefin feedstock and technical routes
7. New technology development and commercial prospects: syngas to olefins, direct crude oil to olefins and methane to olefins
8. Olefin feedstock lightning and opportunities for C4C5 & H<sub>2</sub> utilization
9. CTO/MTO plant operations optimization and capacity expansion
10. PDH, MTO/MTP technology optimization and project planning

### Preliminary Agenda

#### **Mar. 27, 2018**

16:00-21:00 Pre-conference Registraton

#### **Mar. 28, 2018**

09:00-12:00 Speech

12:00-14:00 Networking Lunch

14:00-18:00 Speech

18:00-20:00 Banquet

#### **Mar. 29, 2018**

09:00-15:00 Industrial visits