

环氧化合物产业链 技术与市场论坛 2019

Epoxides Industrial Chain Tech & Market Forum

12.4-5
苏州 Suzhou

主办方
Organizer



[Http://www.asiachem.org/2019POEO](http://www.asiachem.org/2019POEO)

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会议背景

环氧化合物是化工行业尤其是精细化工重要的组成部分，主要有环氧乙烷(EO)、环氧丙烷(PO)、环氧氯丙烷(ECH)、1,2-环氧丁烷(1,2-BO)等。目前，全球大宗环氧化合物市场需求量：EO约为3000万吨/年，PO约1000万吨/年，ECH约250万吨/年。中国商品EO消费量超200万吨/年，PO、ECH表观消费量分别近300万吨/年和80万吨/年。

在安全环保日趋严格，产业结构优化调整的背景下，随着新工艺与催化剂的开发与应用，环氧化合物原料和生产技术朝多元化方向发展，高污染的传统路线将被取代。2019年4月国家《产业结构调整指导目录》征求意见稿鼓励15万吨/年及以上直接氧化法PO、20万吨/年及以上共氧化法PO项目，限制氯醇法PO和丙烯高温氯化法ECH生产装置。

创新驱动已经成为环氧化合物产业链发展的新常态。环氧化合物主要用于生产减水剂、表面活性剂、聚氨酯、环氧树脂、增塑剂等。随着经济发展和技术进步，在工程塑料，生物可降解塑料，电子化学品等高价值领域的应用也在不断开发，并取得了丰硕成果。

亚化咨询主办的**环氧化合物产业链技术与市场论坛2019**将于**12月4-5日**在**苏州**召开。会议将探讨环氧化合物市场现状与发展趋势；绿色环保技术开发及其工业化；工艺技术多元化与竞争力比较；环氧下游衍生物生产技术与市场前景；创新工艺技术商业化工程实例；环保政策与相关解决方案。会议还将安排**参观工业参观考察**。

会议主题

1. 环氧化合物(EO/PO/ECH/BO)产业政策与市场趋势
2. 环氧化合物新建项目与原料多元化
3. 衍生物(聚醚、DMC、丙二醇等)与联产品(SM等)市场
4. 不同技术路线的竞争力比较
5. 直接氧化法(HPPO)技术开发与工业化
6. 共氧化法(CHP, PO/SM, PO/TBA)技术开发与产业化
7. 环氧衍生可降解塑料、电子化学品等的开发与应用
8. 双氧水供需与安全环保
9. 环氧产业链一体化发展趋势
10. 创新工艺技术商业化的工程实例
11. 新旧动能转化与化工园区发展
12. 工业参观考察

日程安排

- | | | |
|-------|-------------|---------|
| 12月3日 | 17:00-20:00 | 报到注册 |
| 12月4日 | 08:00-09:00 | 会议签到 |
| | 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 |
| 12月5日 | 09:00-16:00 | 商务考察 |

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Background

Epoxides are important parts of the chemical industry, especially fine chemicals, mainly includes ethylene oxide (EO), propylene oxide (PO), epichlorohydrin (ECH), 1,2-epoxybutane (1,2-BO), etc. At present, globally demand for EO is about 30Mt/a, PO 10Mt/a, and ECH 2.5Mt/a. The consumption of China's commodity EO exceeds 2 Mt/a, the apparent consumption of PO and ECH is nearly 3Mt/a and 800kt/a respectively.

Under the background of stricter safety and environmental protection, and chemical industry upgrading, the R&D of new processes and catalysts lead to the epoxides feedstock and technologies diversification, the polluted route will be replaced. In April 2019, the draft of National "Industrial Structure Adjustment Guidance Catalogue" encourages 150kt/a and above direct oxidation PO, 200kt/a and above co-oxidation PO project, and restricts the chlorine method PO and propylene high temperature chlorine process ECH productions.

Innovation becomes new normal for epoxides industrial chain. Epoxides mainly used in the production of water reducing agents, surfactants, polyurethanes, epoxy resins, plasticizers, etc. With economic development and technological advancement, more researchers pay attentions to the epoxides applications in high-value fields, such as engineering plastics, biodegradable plastics and electronic chemicals. And fruitful results are achieved.

Epoxides Industrial Chain Tech & Market Forum 2019 will be held by ASIACHEM **on Dec. 4-5 in Suzhou, China**. The upcoming event will discuss thement and industrialization; process technology diversification and compet epoxides market status and development trend; green environmental technology develop itiveness comparison; downstream derivative production technology and market prospects; environmental protection policies and related solutions. **Industrial visit** will also be arranged.

Topics

1. Epoxides (EO/PO/ECH/BO) industrial policy and market trends
2. Epoxides new projects layout and feedstock diversification
3. Derivatives (polyether, DMC, propylene glycol, etc.) market
4. Competitiveness comparison of different technical routes
5. Direct oxidation (HPPO) technology development and industrialization
6. Co-oxidation (CHP, PO/SM, PO/TBA) technology development and industrialization
7. Epoxy-derived degradable plastics, electronic chemicals
8. H₂O₂ supply & demand and safety & environmental protection
9. Epoxides industrial chain integration development trend
10. Engineering Demonstration of innovative tech commercialization
11. Old-to-New chemical capacities & chemical park development
12. Industrial visits

Preliminary Agenda

- Dec. 3** 17:00-20:00 Pre-conference Registration
- Dec. 4** 08:00-09:00 Pre-conference Registration
09:00-12:00 Speech
12:00-14:00 Networking Lunch
14:00-18:00 Speech
18:00-20:00 Banquet
- Dec. 5** 09:00-16:00 Industrial Visiting