第三届燃料乙醇技术与市场论坛

Fuel Ethanol Technologies & Market Forum 2019

6.26-27 济南 Jinan

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会 议 背 景

燃料乙醇是车用清洁燃料重要的发展方向。美国年消费乙醇超过4000万吨，巴西年消费乙醇约1800万吨。2018年中国汽油表观消费量约1.27亿吨，按照中国目前推广的E10乙醇汽油（添加10%乙醇），燃料乙醇市场需求潜力巨大。

国家政策助推燃料乙醇产业发展。国家政策规划到2020年，在全国范围内推广使用车用乙醇汽油。2018年8月，国务院确定生物燃料乙醇产业总体布局。加快建设木薯燃料乙醇项目，开展秸秆、钢铁工业尾气等制燃料乙醇产业化示范。除11个试点省份外，进一步在北京、天津、河北等15个省份推广乙醇汽油。2019年3月，上海市宣布，计划从2019年四季度开始推广使用车用乙醇汽油，年底实现全市覆盖。此外，山西、陕西、北京、浙江等地有望今年开展试点推广。

中国燃料乙醇年产量仅为200-300万吨级规模，以粮食乙醇为主，木薯乙醇为辅，少量纤维素制乙醇。生产燃料乙醇，未来长期具有竞争力的技术主要有三类：纤维素水解发酵工艺、生物质合成气发酵工艺、合成气化学反应工艺。国内的燃料乙醇技术怎样搭上产业化快车？生物质、煤、合成气制燃料乙醇的技术与市场前景如何？

第三届燃料乙醇技术与市场论坛将于6月26-27日在山东济南召开，将探讨中国燃料乙醇政策与市场趋势；中国燃料乙醇2019年供需新格局；新晋乙醇汽油推广城市应用现状与趋势；生物质/煤/合成气制燃料乙醇的技术与商业化应用；不同原料路线生产乙醇的竞争力比较；燃料乙醇生产的环保问题等。

会 议 主 题

1. 中国燃料乙醇产业政策与市场展望
2. 美国、巴西燃料乙醇市场对中国的启示
3. 中国乙醇汽油推广应用现状与趋势
4. 玉米、木薯、纤维素制乙醇最新技术进展
5. 新建燃料乙醇项目规划与投资
6. 2019-2020年中国新增燃料乙醇项目与产能
7. 生物质、煤、合成气制乙醇项目的经济分析
8. 生物质、煤基燃料乙醇示范项目运行介绍
9. 燃料乙醇行业生产、销售、采购、调配
10. 乙醇汽油对化工行业（MTBE、汽油、甲醇等）的影响
11. 煤/合成气/生物质制燃料乙醇生产的环保问题
12. 工业参观（拟定燃料乙醇工厂）

日 程 安 排

2019年6月25日　周二

17:00-20:00　会议报到注册

2019年6月26日　周三

08:00-09:00　会议签到
09:00-12:00　演讲报告
12:00-14:00　午餐与交流
14:00-18:00　演讲报告
18:00-20:00　招待晚宴

2019年6月27日　周四

09:00-16:00　商务考察

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Jinan China

Background

Ethanol is an important vehicle fuel and chemical feedstock. As a vehicle fuel, ethanol consumption in the United States is more than 40 million t/a; in Brazil is about 18 million t/a. In China, the apparent consumption of gasoline in 2018 was approximately 127 million tons. According to China's currently promoted E10 ethanol gasoline (blending 10% ethanol), fuel ethanol in China has a huge potential market space.

National policies boost the development of the fuel ethanol industry. The national policy plan will promote the use of ethanol gasoline for vehicles nationwide by 2020. In August 2018, the State Council determined the overall layout of the bio-fuel ethanol industry. Accelerate the construction of cassava fuel ethanol project, and carry out industrial demonstration of fuel ethanol production such as straw and steel tail gas as raw material. In addition to the existing 11 pilot provinces, ethanol gasoline will be further promoted in 15 provinces including Beijing, Tianjin and Hebei province. In March 2019, Shanghai announced that it plans to promote the use of ethanol gasoline for vehicles from the fourth quarter of 2019, and achieve citywide coverage by the end of the year. In addition, Shanxi, Shaanxi, Beijing, Zhejiang and other places are expected to carry out pilot promotion in 2019.

China's annual production of fuel ethanol is only 2-3Mt of scale. The main production is from grain to ethanol, supplemented by cassava to ethanol, and a small amount of cellulose to ethanol. There are three long-term competitive processes for the production of fuel ethanol: cellulose hydrolysis and fermentation process, biomass syngas fermentation process, and syngas chemical reaction process. How domestic fuel ethanol technologies get on industrialized express? What are the technologies and application prospects of biomass/ coal /syngas to ethanol?

3rd Fuel Ethanol Technologies and Market Forum 2019 will be held in Ji'nan, Shandong on June 27-28, the upcoming conference to discuss China's fuel ethanol & ethanol gasoline policy and market trends; China's fuel ethanol 2019 new supply and demand pattern; Current status and trends of newly promoted application of ethanol gasoline; Technical progress and commercial application of biomass/coal (syngas) to ethanol; Competitiveness comparison of different raw materials route fuel ethanol; Fuel ethanol environmental issues.

Topics

1. China's fuel ethanol policy and market trends
2. The United States, Brazil fuel ethanol market and implication to China
3. Current status and trends of promotion and application of ethanol gasoline in China
4. The latest technologies development of corn, cassava and cellulose to ethanol
5. New fuel ethanol project planning and investment
6. China's new adding fuel ethanol projects and capacity from 2019 to 2020
7. Economic analysis of biomass/coal (syngas) to ethanol projects
8. Introduction to biomass and coal-based fuel ethanol demonstration projects
9. Production, sales, procurement, and deployment of fuel ethanol industry
10. Effect of ethanol gasoline on chemical industry (MTBE, gasoline, methanol etc.)
11. Environmental issues of Biomass/coal (syngas) to fuel ethanol production
12. Industrial visit (fuel ethanol plant)

Preliminary Agenda

Jun 25,2019	17:00-20:00 Pre-conference Registration
Jun 26,2019	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
Jun 27,2019	09:00-16:00 Industrial Visiting