The ICIS China Coal-to-Olefins Annual Report presents a thorough review of the country’s unique coal-to-olefins (CTO) production. This essential resource can help you create robust production and investment plans, providing expert forecasts on supply and demand and addressing key questions faced by global market players:

- As a new feedstock route for polyolefin, how will CTO production impact traditional petroleum-to-olefin production?
- The first PDH unit in China, affiliated with Tianjin Bohai Chemical Industry, came on stream in September 2013, followed by other PDH units at Zhejiang Satellite and Haiyue Petrochemical. How will these developments impact China’s olefin market?
- How will the MTO demand trend affect alternative target markets?
- Will the 12th Five-year plan for ethylene capacity be carried out as scheduled?

What’s included in the subscription?

- Complete market overview of Chinese olefins and the emerging coal-to-olefins sector
- Supply and demand analysis for 2015 and forecasts for 2016
- Comparison of technologies for olefins on different feedstocks – PDH, shale gas and natural gas
- Macroeconomic and government policies towards the development of the coal-to-olefins industry
- Opportunities and challenges in the domestic olefins markets

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DEVELOPMENT STATUS OF CHINA’S OLEFINS INDUSTRY

- Development status of China’s olefin industry
  - Development status of the traditional olefin industry
  - Development status of the CTO industry
  - Variation features and development trends of China’s olefin industry

OLEFINS FEEDSTOCK COMPARISON AND COMMERCIAL APPLICATIONS

- CTO/MTO/MTP technologies
- Technology comparison of olefin production with different feedstocks
- Comprehensive indicator comparison of olefins feedstocks
- Commercial applications of olefin production with different feedstocks

ECONOMIC ANALYSIS OF OLEFINS FEEDSTOCKS

- Cost analysis of naphtha-to-olefin
- Cost analysis of CTO
- Cost analysis of North American/Middle East shale gas-to-olefin
- Cost analysis of PDH-based olefin
- Competitiveness comparison of olefin production with oil/coal/shale gas/ PDH

MARKET POTENTIAL FOR COAL TO REPLACE NAPHTHA IN OLEFINS PRODUCTION

- Ethylene supply/demand and forecast
- PE supply/demand and forecast
- Propylene supply/demand and forecast
- PP supply/demand and forecast
- Market changes and development trends of other emerging downstream products
  - Development status and long-term planning of China’s CTO projects
  - Market potential for coal to replace naphtha in olefin production

PROBLEMS AND SOLUTIONS FOR CHINA’S CTO INDUSTRY DEVELOPMENT

- Influence of economic/policy orientation on CTO
- China’s necessity of developing CTO
- Problems and challenges in China’s CTO development
- China’s attempts at resolving problems in CTO development

INFLUENCE OF CTO DEVELOPMENT ON CHINA’S OLEFINS INDUSTRY

- Dilemma for traditional naphtha-to-olefin industry
- Impact and influence of CTO on traditional naphtha-to-olefin industry in China
- Future development of China’s olefin industry

About ICIS

ICIS is a trusted market intelligence provider for the global petrochemical, fertilizer and energy industries. We offer comprehensive, data-driven products and services to help companies like yours make well-informed decisions when settling price contracts, as well as building your medium to long-term strategies.

With over 30 years of experience in the industry, ICIS is recognised domestically and internationally as a leading source of market information. Our coverage of the Chinese market provided by our local experts, combined with the expertise of our global analytical team, ensures that market players receive unrivalled and independent insight into China’s unique coal-to-olefins industry.

Enquire about the ICIS China Coal-to-olefins Annual Study

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CTO Cost Structure

Costs of Olefin with Different Feedstocks
(data involved are assumed)

Olefin Capacity and Forecast