



6th Petrochemical Conclave

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Under the aegis of



Ministry of Petroleum
& Natural Gas
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Innovative routes to Petrochemicals/Chemicals

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Synopsis

In today's world of challenging economic drivers, refiners are faced with the daunting task of delivering a product mix that maintains their profitability. Although the phrase 'Fossil-Free-Future' is still some decades away, refiners all over the world are readying themselves by integrating refineries with petrochemical. Is that enough?

There are different routes to diversify a refinery portfolio towards petrochemicals and chemicals. A less common route, yet increasingly interesting, is to leverage refinery feeds cost position by providing direct access to the aromatics-to-polyester segment.

Topsoe has developed a technology which converts low value feedstock to ammonia and/or methanol and further to reformat through Methanol-to-Aromatics, to DME - a green fuel as also a blend for lowering LPG imports. Refiners tomorrow would not limit themselves to gasoline, diesel, LPG etc but produce PCs including methanol and DME and fertilizers like urea, DAP - such product mixes will ensure flexibility to maximize profitability in all economic environment.