

Dynamics of Feedstock:

Leveraging Synergies of Value Chains between Petroleum and Petrochemicals



November 2021

Robust growth expected in chemical segments

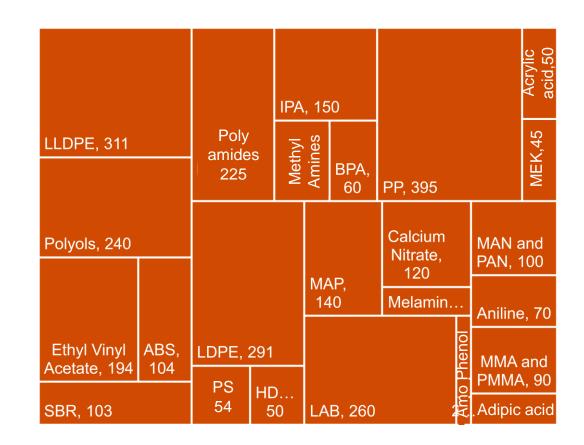
Access to feedstock will play a critical role to capture these growing markets and plan new investments

Segments	Consumption USD Billion (FY2019-20)	Growth Rate (2019-2025)
Bulk Chemicals	47	3%
Specialty Chemicals	39	12%
Petrochemicals	36	9%
Agrochemicals & Fertilizers	28	8%
Others (Biotech, Pharma API, etc.)	37	10%

Chemical Segments: Consumption & Growth Trends

- India Chemical Industry valued around 187 USD Billion in FY 2019-20 and expected CAGR in next five years is 6.2%
- Specialty chemicals is anticipated to register highest growth rate among all the chemical segments

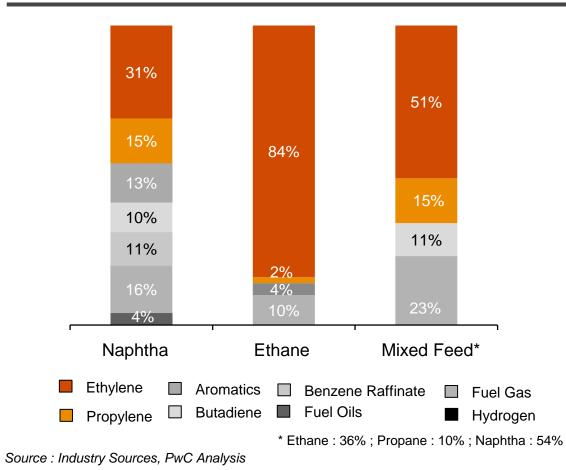
Source : DCPC, Industry Sources, PwC Analysis Note 1: Supply Deficit relative to PP (at 395 kT) PwC | GCPMH 2021 India Supply Deficit, kT (FY2019-20)¹



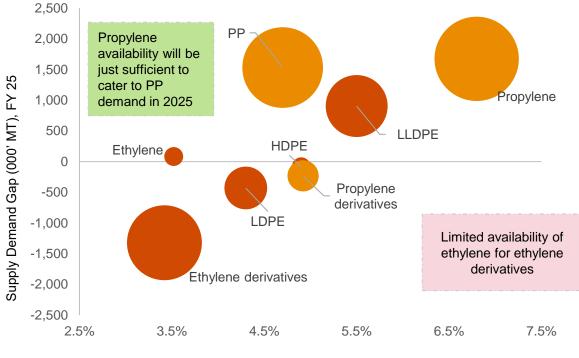
Feedstock availability will drive new investments in petrochemicals

Indian Chemical players can target import dependent Value Chains

Product Mix By Different Feedstock



India Supply Demand Scenario, 2019-25



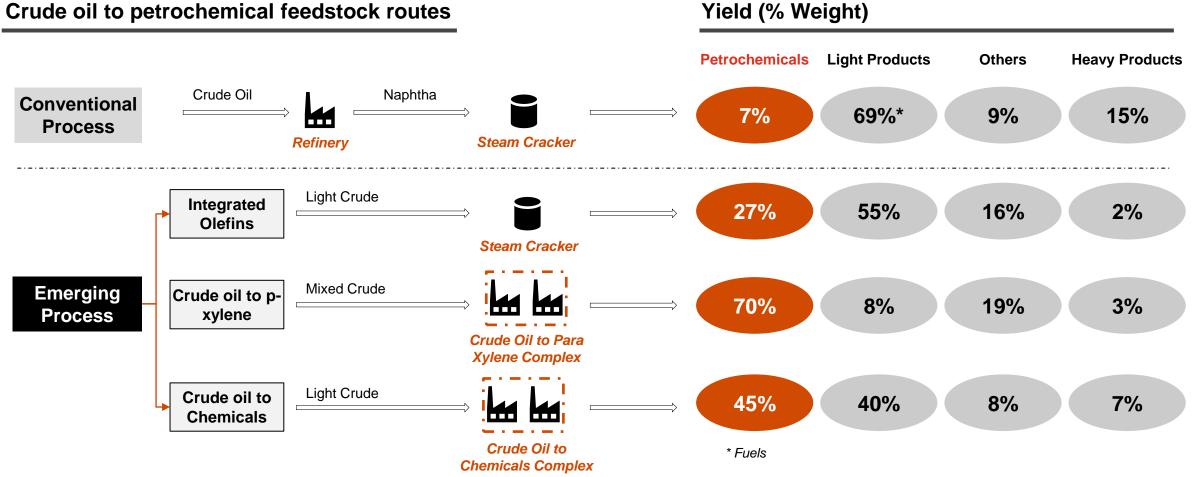
Demand Growth % CAGR (FY 19-25)

Note: Bubble size indicates the supply-demand gap; Ethylene derivatives - EDC and MEG, Propylene derivatives - Propylene oxide and Acrylonitrile

PwC | GCPMH 2021

New routes are emerging to maximize petrochemicals/feedstock

Oil-to-chemicals technologies can reorient crude value chain from conventional fuels to chemicals



Source : PwC Analysis

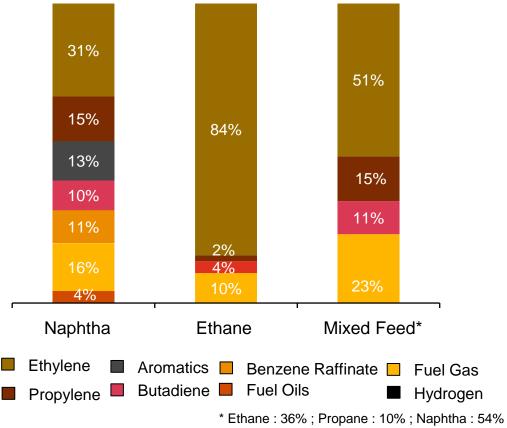
Thank you!

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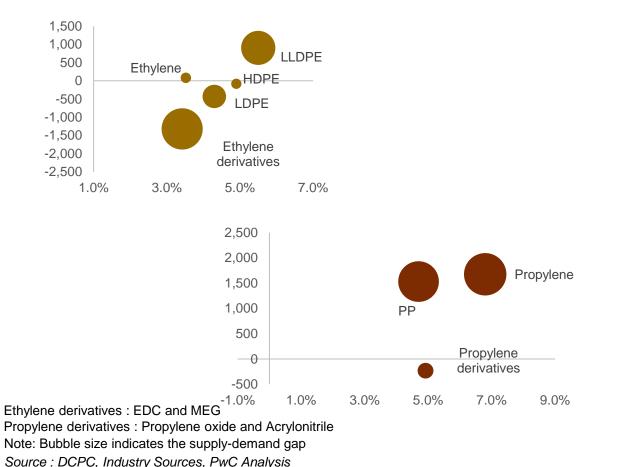
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Source : Industry Sources, PwC Analysis



India Supply Demand Scenario