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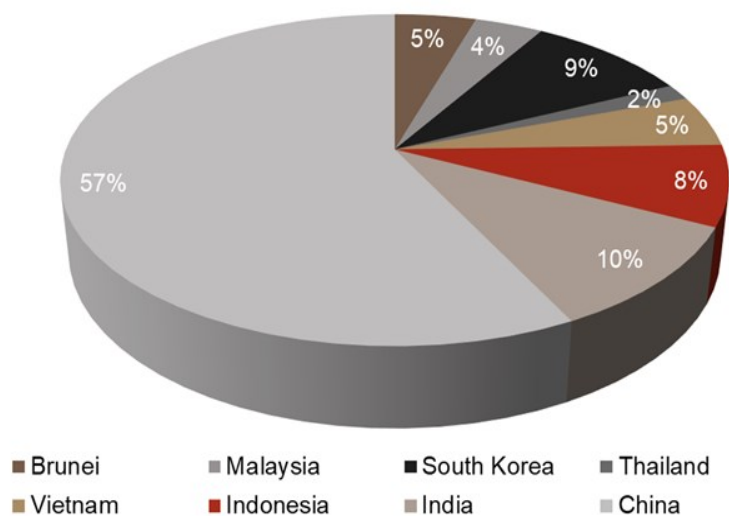
Asia-Pacific: Upcoming Cracker Projects and Capacity Outlook

Stratas Advisors

Between 2018 and 2025, the Asia-Pacific region is expected to add 33 MMTPA of ethylene capacity. China will have the largest share (57%) with about 18 MMTPA from 2019-2025. As many as 15 new crackers are being constructed or planned. Major capacity is planned for coal-to-olefins (CTO) facilities. About 2.4 MMTPA of ethylene – 13% of the total – is expected from CTO process.

Asia-Pacific Ethylene Capacity Additions (2019-2025)

Units | MMTPA



Source: Stratas Advisors

The information in the tables below includes the Asia-Pacific region's major announced steam cracker projects.

| Company | Location | Capacity (MMTPA) | Completion |
|----------|---------------------|------------------|------------|
| Petronas | Malaysia, Pengerang | 0.63 | 2019 |
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| LG Chem | Daesan, South Korea | 0.23 | 2019 |

| | | | |
|--|-------------------------|-------|------|
| Hanwha Total Petrochemical YNCC | Daesan, South Korea | 0.31 | 2019 |
| GS Caltex Corp. | Yeosu, South Korea | 0.335 | 2020 |
| Long Son Petrochemical Co. Ltd. | Yeosu, South Korea | 0.7 | 2022 |
| LG Chem | Vietnam | 1.6 | 2024 |
| PT Chandra Asri Petrochemical Tb | Yeosu, South Korea | 0.8 | 2021 |
| Lotte Chemical | Cilegon, Indonesia | 0.4 | 2020 |
| PT Chandra Asri H MEL-Mittal Energy Ltd | Cilegon, Indonesia | 1 | 2024 |
| HPCL | Bathinda, India | 1.1 | 2024 |
| Wanhua Petrochemical | Barmer, India | 1.2 | 2020 |
| Maozhan Complex Project | Shandong, China | 0.63 | 2023 |
| Zhejiang Petrochemical | Guangdong, China | 1 | 2020 |
| Shenghong Petrochemical Company | Zhoushan, China | 0.8 | 2020 |
| Sinochem Quanzhou Petrochemical | Jiangsu, China | 1.4 | 2021 |
| Gulei Petrochemical Company | Quanzhou, China | 1.1 | 2025 |
| Hengli Petrochemical Company | Fujian, China | 1 | 2024 |
| China North Industries & Saudi Aramco | Liaoning, China | 1.5 | 2021 |
| SP Olefins (Taixing) Co. Ltd. (SP Chemical) | Liaoning, China | 1 | 2021 |
| Zhenhai Refining & Chemical (ZRCC) | Jiangsu Province, China | 0.65 | 2020 |
| Yangtze Petrochemical Company (BASF-YPC) | Zhejiang, China | 1.2 | 2024 |
| ExxonMobil Fujian Petrochemical Co. Ltd.-50% | Nanjing, China | 0.8 | 2024 |
| | Guangdong, China | 1.2 | 2023 |
| | Dalian, China | 0.8 | 2020 |

| | | | |
|---|-----------------|---|------|
| Baolai Chemical/Sarh Attaqnia | Liaoning, China | 1 | 2019 |
| North Huajin Chemical Industries Group Corp | Liaoning, China | 1 | 2021 |

Source: Stratas Advisors

Ethylene demand in the Asia-Pacific region is estimated to increase to 75 MMTPA by 2025 at a CAGR of 4.7% from 2018-2025, whereas supply is estimated to increase at CAGR of 4.2% in same period. The region will need imports to meet its demand.

A detailed report with regional-level analysis is available to subscribers of our [Global Petrochemical Outlook](#) and [Global Refining and Products Services](#). Complete data for the analysis can be found on [Stratas Advisors' Data Tool](#). Not a subscriber? [Create an account](#).