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## Chandra Asri Petrochemical awards Toyo Engineering Group as EPC Contractor for New MTBE and Butene-1 plants

Jakarta, 28 May 2018 – PT Chandra Asri Petrochemical Tbk (CAP), through its subsidiary, PT Petrokimia Butadiene Indonesia (PBI), has awarded Toyo Engineering Corporation (TOYO) and Inti Karya Persada Tehnik (IKPT, TOYO's Indonesian subsidiary) as the engineering, procurement and construction (EPC) contractors for the 127,000 tons/year Methyl Tert-Butyl Ether (MTBE) and 43,000 tons/year Butene-1 plants. Using the CDMtbe, BASF Selective Hydrogenation and Butene-1 Separation Technology from CB&I, the plants are going to be built in the existing petrochemical complex in Cilegon, Banten and become the first MTBE and Butene-1 plants in Indonesia. The plants with total investment of USD 114 million are expected to start commercial production in the third quarter of 2020.

TOYO will be in charge of engineering and offshore supply, while IKPT will be in charge of detailed engineering, local supply and construction.

“With their capability and extensive work experience in Indonesia, we believe that TOYO and IKPT will complete the EPC work on time. This project will enable us to create more value from our by-product while securing a key raw material for our polyethylene plants,” said Erwin Ciputra, President Director of CAP

The new plants will consume Raffinate-1, the by-product from the existing Butadiene unit as its raw material, thus making CAP the most integrated petrochemical complex in Indonesia. The MTBE produced will be sold to gasoline blending market, while Butene-1 will be consumed internally at CAP's polyethylene plants.

### About CAP

CAP, a subsidiary of PT Barito Pacific Tbk as the majority shareholders, is Indonesia's largest integrated petrochemical company producing olefins and polyolefins. CAP incorporates state-of-the-art technologies and supporting facilities located in Cilegon and Serang of Banten Province. CAP is the only producer who operates a naphtha cracker, and is the sole domestic producer of ethylene, styrene monomer and butadiene. In addition, CAP is also the largest polypropylene producer in Indonesia. CAP produces plastic raw materials and chemicals used for packaging products, pipes, automotive, electronics, etc. For more information, please visit [www.chandra-asri.com](http://www.chandra-asri.com).

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