

# Environmental Innovation

A company that opens the future of the environment  
with creativity and innovation.



## [Bio Friends Completed the Construction of the 2nd Plant for BioDME Production]

Wonjun Cho, CEO of Bio Friends, Inc.



▲ BioFriends' 2nd DME production plant

On July 28, 2023, Bio Friends Inc completed all the licensing procedures for the operation of the 2nd DME production plant, which is located in the Boeun 1st Industrial Complex in Chungcheongbuk-do, Korea. After the commissioning in August, Bio Friends will import BioMethanol from the US company OCI Global and start the production of BioDME. The company will produce 100 tons per month in the early stage of the production, but it will begin the commercial production of blue DME in 2025 when Bio Friends starts to produce blue methanol by capturing CO<sub>2</sub> from the cement factory in Chuncheongbuk-do, Korea. Furthermore, Bio Friends entered into a carbon capture utilization (CCU) project that is to produce 100,000 TPY eMethanol and BioMethanol by capturing greenhouse gas CO<sub>2</sub> and convert it into 30,000 TPY of DME at the 3rd plant.

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Bio Friends is planning to sell BioDME produced from the 2nd plant to domestic and foreign companies which need carbon footprint verification. At the same time, as it is expected that the amount of DME sold to Thailand, India, and Indonesia will increase, Bio Friends generated a business model to build a local DME production base in various Asian countries and is performing feasibility study.



In the era of the 'Global Boiling', eFuels such as eMethanol and eDME and bioFuels such as BioMethanol and BioDME are considered as the optimized carbon-neutral and low-carbon fuel that can reduce the emission of CO<sub>2</sub>. Bio Friends hopes companies in the field of methanol and DME to focus their efforts to reduce more than 30% of greenhouse gas emissions by 2028. We need global cooperation to reduce more than 70% of greenhouse gas emissions in this field by 2035.

Source: Biofriends ([www.bfi.co.kr](http://www.bfi.co.kr))