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ENEOS Corporation

ENEOS signs MoU with Aramco for blue hydrogen and blue ammonia collaboration

ENEOS Corporation (President: Ota Katsuyuki, “ENEOS”) has signed a Memorandum of Understanding (“MoU”) with the Saudi Arabian Oil Company (“Aramco”) to investigate potential opportunities for establishing a blue hydrogen and blue ammonia supply chains.

ENEOS and Aramco intend to engage in collaborative feasibility studies to evaluate the production of blue hydrogen and blue ammonia in Saudi Arabia from hydrocarbons, such as NG and LPG as well as the capture of associated carbon dioxide emissions. Additionally, ENEOS and Aramco intend to assess various hydrogen chemical carriers, including ammonia and MCH for the purpose of transporting hydrogen from Saudi Arabia to Japan and other markets.

Japan imports more than a third of its crude oil from Saudi Arabia and the MoU is based on Aramco’s potential as a stable, long-term supplier of blue hydrogen and blue ammonia. Upon completion of the feasibility studies, ENEOS will review the possibility of establishing hydrogen networks, which includes importing the product to Japan and supplying it to power stations and other industries from refineries.

The MoU aims to support the establishment of a low-carbon society through promoting widespread blue hydrogen and blue ammonia supply chains.

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