

EXCLUSIVE SERIES VIEWS YOU CAN USE

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The GCC has a great opportunity to develop hydrogen

In the UAE, ADNOC is already producing 300,000 tons per year of largely blue hydrogen. It makes sense that, as the global interest in hydrogen grows, that ADNOC leverage its current relationships and supply chains with importers such as Japan, to take advantage of what will be the fuel of the future. Other current customers who could be potential hydrogen off takers in the future would be Korea and India. With capabilities in carbon capture and an abundant low-carbon, low-cost supply of natural gas, blue hydrogen will be a key regional option for hydrogen for quite some time.

Exports challenged by storage and transportation costs

While the opportunity for direct hydrogen exports might have to wait, in the interim many domestic industries could use hydrogen and thereby have a transformative impact on decarbonization. The steel sector in the UAE could be one of these local end users. The refining business is another - if ADNOC intends to transform and transition this sector, as there are major airlines in the country looking to source synthetic fuels. Start local with hydrogen consumption and then go global as exported hydrogen becomes competitive. ■

*Paraphrased comments**

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