

Green Ammonia Technology to produce Zero-carbon nitrogen fertilizer for the US market

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The global tech-solution expert, KBR has partnered with Atlas Agro AG to license KBR's innovative K-GreeN[®] technology for Atlas' planned investment in a series of green nitrate plants. The two parties have signed a memorandum of understanding (MoU) to produce zero-carbon nitrogen fertilizers.

Under the terms of the MoU, KBR will provide technology licensing, basic engineering design, proprietary equipment and catalyst for the plants. The engineering design for the first plant located in the United States commenced in March 2023.

KBR is the world leader in ammonia technology with approximately 50% market share of licensed capacity. Since 1943, KBR has licensed, engineered, or constructed over 250 grassroot ammonia plants worldwide.

"We are excited to support Atlas Agro's vision of zero-carbon fertilizer production through our market leading green ammonia technology, K-GreeN. We are driving schedule synergies across the series of plants to accelerate availability of clean ammonia globally." said Doug Kelly, KBR President, Technology.

"We are proud to partner with KBR and use its K-GreeN process for our green fertilizer facilities," said Petter Å?stbÅ?, CEO, Atlas Agro. "Each of our green ammonia plants will produce fertilizer that will help feed nearly 16 million people and avoid global carbon emissions of more than one million tons per year."