



H₂ACTSM: Empowering Energy Transition

Hydrogen from Ammonia Cracking Technology by KBR



NEW MARKET, ESTABLISHED TECHNOLOGY

H₂ACTSM delivers a pathway to large-scale sustainable hydrogen production, with efficiency and high technology readiness at the heart of the process.

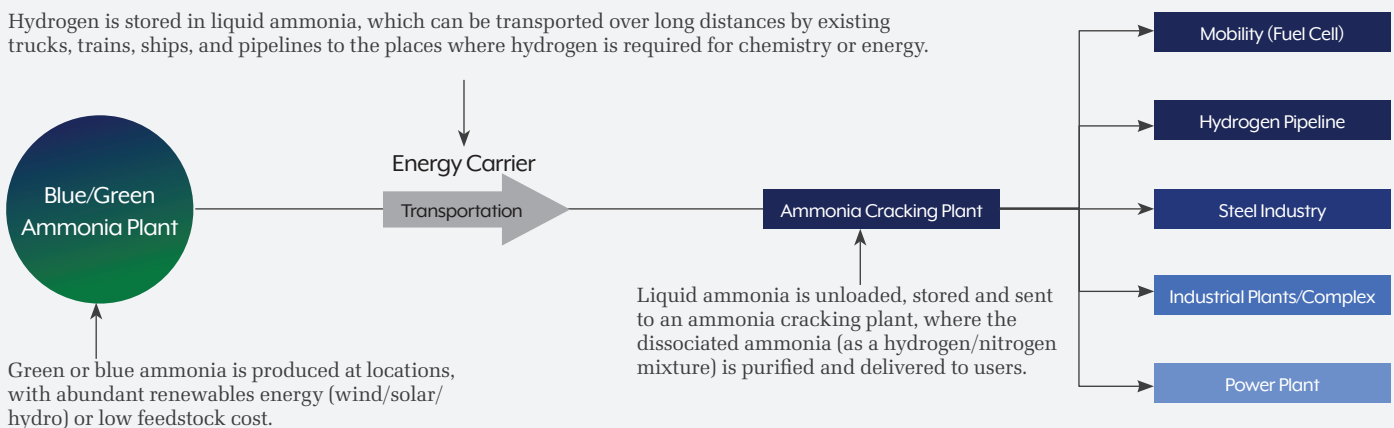
H₂ACTSM is built on a KBR heritage of innovation with proven, reliable technology elements and process operations from the ammonia production industry, capable of providing a record single-train capacity of 1,200 MTPD of clean hydrogen.



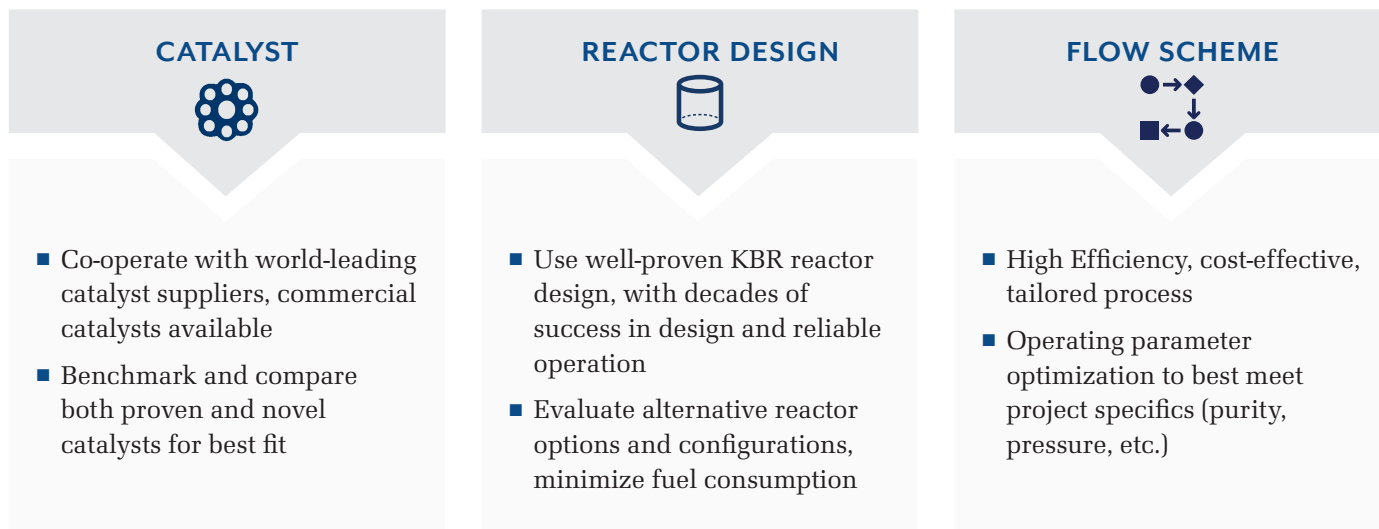
Ammonia Cracking – Simplified Block Flow Diagram

Ammonia, a zero-carbon molecule with high hydrogen-storage density, is the most promising long-distance energy carrier in the short to medium-term.

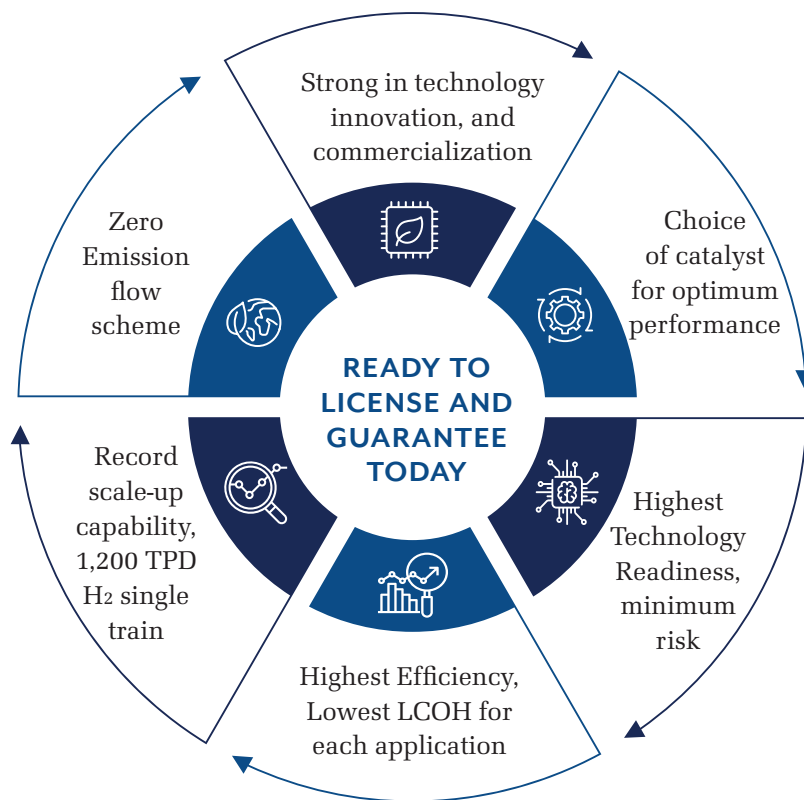
Hydrogen is stored in liquid ammonia, which can be transported over long distances by existing trucks, trains, ships, and pipelines to the places where hydrogen is required for chemistry or energy.



KEY ATTRIBUTES OF KBR'S AMMONIA CRACKING TECHNOLOGY



WHY KBR AMMONIA CRACKING?



Minimum Risk Today, Maximum Opportunity Tomorrow

kbr.com

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Contact us for more information:

technology@kbr.com
elena.stylianou@kbr.com

