

Being Part of Energy Transition

Asia Pacific Green Hydrogen Conference

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Ammonia market is evolving from traditional use cases to new use cases, primarily driven by energy transition

[Open]

	Traditional Market	New Market
	Fertilizer Industries & Chemicals	Power Marine Hard-to-abate sectors
Nature of market	 Grey ammonia produced from NG ~200 MTPA market and ~15-20 MTPA is seaborne Grey ammonia market is not expected to grow between 2025-40 Use is expected to be limited to existing sectors, which will have mandates to transition 	 Low Carbon ammonia, initially blue from NG and CCUS and in long term Green through water electrolysis ~350-400 MTPA market by 2050 and ~60-70% is expected to be seaborne Low carbon ammonia apart from substituting grey in existing market is also finding use case in new sectors like power & marine
Key features of the market	 Short term contract duration Regional trade flows Gas price indexed Price sensitive to global factors 	 Comparatively longer-term contracts Intra-regional trades Gas price linked (blue) or fixed (green) Higher Willingness to Pay (WTP) Larger quantities

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[Open] **Market Summary** Market growth is primarily driven by national decarbonization policies and enabled by support schemes (near term) and carbon prices (mid-long term)





Thank you

