

Ammonia Energy Association



AMMONIA ENERGY
ASSOCIATION

Our vision: clean ammonia energizes the future

Who we are

The **Ammonia Energy Association** (AEA) is a global industry association that promotes the responsible use of ammonia in a sustainable energy economy.

Members: 170
global and cross-sectoral

Our mission

Accelerate the responsible adoption of clean ammonia by promoting cross-sectoral collaboration, knowledge sharing, global standards, and supportive policies.



Low-Emission Ammonia Plants



AMMONIA ENERGY
ASSOCIATION

The AEA's global project intelligence database counts 515 projects (627 phases of expansion), updated August 2026.

A total of 405.8 million tons (MT) of ammonia production capacity is under development – low-emission and transitional – of which 6.9 MT is already operational.

Major trends in 2026:

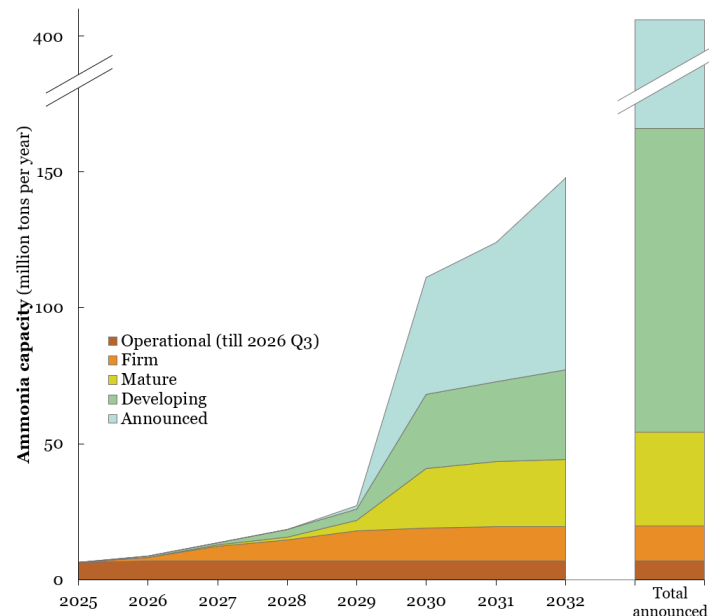
- Regular offtake announcements,
- More projects moving to FID,
- First operational plants demonstrating strong value chains: deliveries, consumption, certification (voluntary and mandatory).

Looking ahead:

- Demand signals will be key to scale,
- Valuing sustainability and also security (energy, food, supply),
- Local, existing markets can derisk projects.

Low-emission and transitional ammonia plants

*Global announced capacity: 405.8 million tons of ammonia
2026 Q3*



Explore this data at <https://ammoniaenergy.org/lead/>

Ammonia Certification System



**AMMONIA ENERGY
ASSOCIATION**

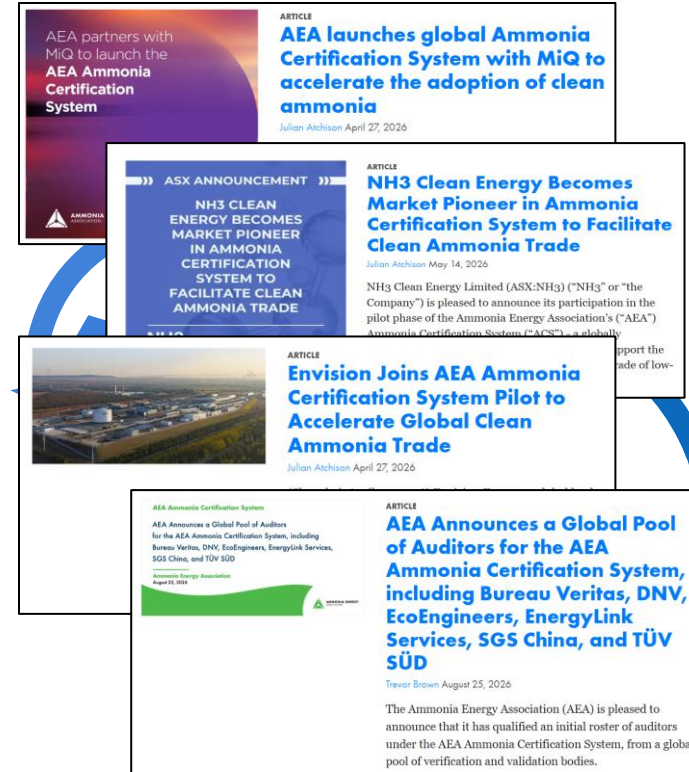
The AEA Ammonia Certification System is designed to **facilitate the global trade** of low-emission ammonia by enabling producers, traders, and consumers to demonstrate its carbon intensity and origin.

The objective is to **support global alignment** across multiple regions and sectors and to **build market confidence** by:

- establishing a methodology for estimating emissions from ammonia production (aligned to ISO 19870-3),
- certifying robust, independently verified product carbon footprint data, and transferring this PCF data down global supply chains,
- satisfying the voluntary / mandatory requirements of end-users.

AEA launched the Pilot phase of the Ammonia Certification System in late 2025 – full operation for a small number of users, with a digital **registry built and operated by MiQ**. We now have a global pool of auditors and participating plants in the Americas, Europe, Mid-East, Asia, and Oceania. We are preparing to issue the first certificates.

Next steps: interoperability between systems and recognition.



Learn more at <https://ammoniaenergy.org/certification/>



Thank You!

Questions? E-mail me at tbrown@ammoniaenergy.org