

AMMONIA EUROPE CERTIFICATION SCHEME

By Stephen Jackson



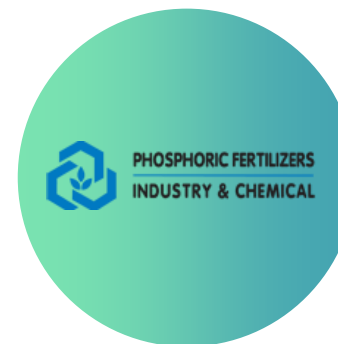
About



Ammonia Europe is the business association representing the interests and supporting the growth of the ammonia industry in Europe.

Ammonia Europe aims to lead the policy and technical debate around ammonia's role as a decarbonisation vector and fuel for the food, industrial, energy and transportation sectors in Europe's net-zero and resilient economy.

Founding Members



Membership sectors

Ammonia producers



- Large ammonia producers that own an annual ammonia production capacity that is equal to/exceeds 1Mt/y
- Small ammonia producers that own an annual ammonia production capacity that is equal to/exceeds 50,000 tons but does not exceed 0,5Mt/y

Logistics



- Ports: key infrastructure to transport AND store clean ammonia.
- Companies involved in energy storage via ammonia
- Companies involved in clean ammonia transport via pipelines/ships/train.

Technology providers



- Developers, engineers and manufactures of ammonia synthetisation technologies, as well as pioneer developers of novel technologies

End-user



- All producers of fertilizers products
- All producers of technical and other products based on ammonia
- Shipping sector, energy companies and other sectors exploring the use of ammonia as fuel

Activities

Knowledge

Gain expertise on ammonia handling, safety, environment and technologies

Policy influence

Ensure your voice is heard when the relevant EU policy is being shaped

Certification

Shape and use our proprietary ammonia certification scheme

Networking

Access events that connect you to the full ammonia value chain

Communication

Stay up-to-date with the latest ammonia developments through our insights

Certification Scheme

The voluntary standard for transparent and reliable disclosure of the origin and carbon footprint of the ammonia towards end-users in Europe.

Product scope



Ammonia

Production of ammonia using hydrogen from water electrolysis, from steam reforming of biomethane, and from steam reforming of natural gas with carbon capture and storage (current scope).

Geographical scope

End-use in the European Single Market (ESM).

Production anywhere in the world.



Pilot audits performed by



Sustainability Attributes Tracked



Carbon Footprint

Carbon Footprint (CFP) Scope:

- Well-to-production-gate
- Full life-cycle when strictly applying to Mass-Balance

CFP Methods:

- ISO based
- Together for Sustainability (TFS)



Origin

Renewable-bio

Renewable-non-bio

Non-renewable



Chain of Custody



Mass Balance

With optional restricted Book & Claim within the ESM domain and the same company



Product attribute declarations



NH3 certificates

Certification scheme launch

#AmmoniaEurope

AMMONIA EUROPE LAUNCH EVENT

Unlocking Ammonia's potential for Europe's clean and resilient economy

High-level in-person conference followed by Celebration Cocktail

 16 January

 15:00 - 18:20

 Drinks & Dinner from 18:20

 Renaissance Hotel

Rue du Parnasse 19, 1050 Bruxelles



Thank you for your attention

Ammonia Europe
Avenue des Nerviens 31
B-1040 Brussels | Belgium

Contact
info@ammoniaeurope.com
www.ammoniaeurope.com