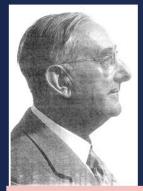


Contents

- 1. History & Focus Duiker
- 2. Ammonia Economy
- Duiker's Ammonia to HydrogenConverter
- 4. Duiker's Ammonia Fueled Boiler
- 5. Q&A



Legacy & spirit of innovation



Technical Office of J. Duiker Founded in The Netherlands



Babcock acquires Duiker projects for its expertise



Management buyouts out LD to make Duiker CE.



Duiker develops and launches ammonia crackers.

Thousands of process solutions

1919

1961

1978

1989

2004

2009

2022

2023

First Luynet Multiple Vortex burners installed



Duiker is sold to Laidlaw Drew and is renamed as LD Duiker.



Duiker develops and sells first low NO_X ammonia burners.



Duiker CE is rebranded as Duiker Clean Technologies.

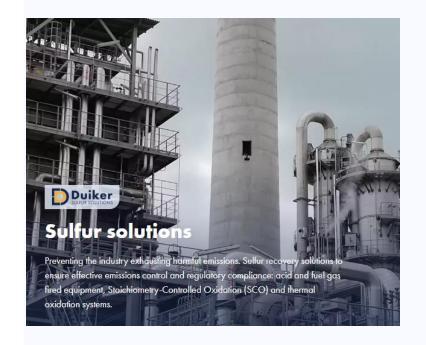




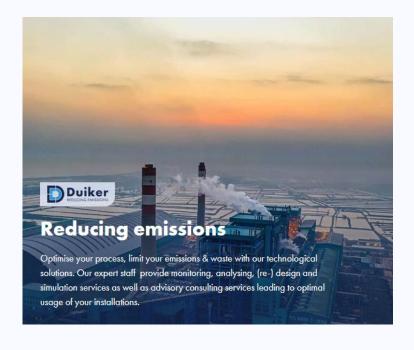
You can

rely on our

Focus on clean technologies





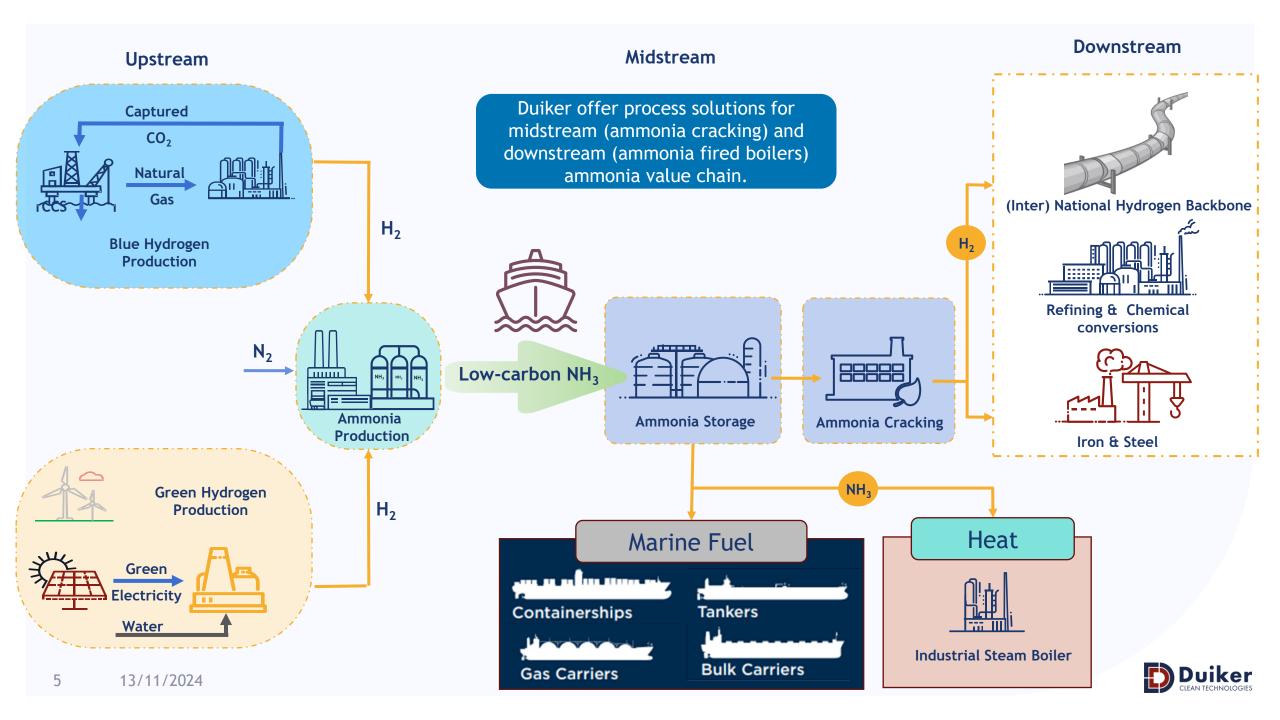






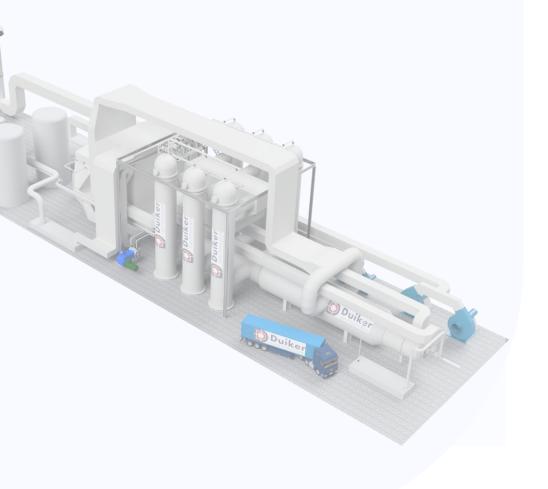






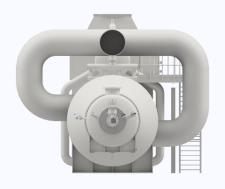
Duiker's Ammonia to Hydrogen Converter (AHC)

- No CO₂ emissions
- Lowest NO_X emissions (5 ppm @ 3% O₂)
- Highest energy efficiency ~90% (H₂
 Delivered at 50 bar)
- Smallest footprint
- H₂ product purity acc. ISO 14687:2019
- Flexible configuration & scalable to world-scale needs





Ammonia: Powering a Carbon Free Energy Future





Ammonia Fueled Boilers

100%

Ammonia is ready to be used in a stable and safe combustion process.

0%

Ammonia Fueled Boilers enable CO2 emission reduction for existing boilers.

100%

Patented and industrially proven SCO technology at the heart of Ammonia Fueled Boilers.

3Duiker offers ammonia fueled solutions for various types of boilers.

- Co-Firing
- Brown Field Solutions
- Green Field Solutions





Jebin James

Process Development Lead james@duiker.com
+31 (0)6 5000 9657





Christos Patilas

Process Development Engineer Patilas@duiker.com
+31 (0)6 1058 5099

Thank you for your attention

ABQ