# Small – but *Mighty*

Decarbonising Heavy Shipping with Ammonia Crackers



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**MarinH** Clean, green ammonia engines for maritime

## Who are we and what's our mission?

#### **Fuel Cell Technology**



Air Cooled (10 – 50kW)



Liquid Cooled (100 – 500kW)

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- Two Hydrogen Fuel cell technologies to deliver a full range of generators from 10kW to 500kW
- Ruggedised for Off-grid and Construction Power
- Simple to use, reliable in operation

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#### **Fuel Conversion Technology**



Deployable Ammonia Crackers



- Hydrogen generation to ISO14687 Grade D (FC) Specification
- Fully automated & packaged solutions



# How do you get Hydrogen from Ammonia?



## The Anatomy of an Ammonia Cracker



## How do you get Pure Hydrogen from Ammonia?

