



**FuelPositive**  
Fuel For A Mindful World



## Grid Storage

- Carbon-free NH<sub>3</sub> can be used as grid storage wherever renewables are situated.
  - Large wind and solar farms with excess generation capacity could be storing that excess on site through the creation of Carbon-free NH<sub>3</sub>.
  - When that excess energy is needed during peak demand periods, Carbon-free NH<sub>3</sub> could be used to operate efficient, zero-emission ammonia-burning turbines to generate electricity on demand for the grid.
- Other applications include farms and trucking companies that will have their own Carbon-free NH<sub>3</sub> systems in-situ generating fuel and, in the case of farming, fertilizer for their operations.
- The decentralization of the grid is a significant global imperative and we believe that our smaller, scalable and transportable systems will play an important role in efficient decentralized grids and end-use applications.