

# Brightank

## Catalyzing your decarbonization

### In a nutshell

As demand for renewable energy continues to grow, meeting this demand in remote or mobile settings remains challenging. Current solutions, such as batteries, often fall short in supporting heavy industrial needs. Hydrogen, while powerful enough for heavier applications, faces obstacles in terms of infrastructure, storage, and the costs of transport and distribution.

Brightank accelerates industrial decarbonization by elevating ammonia as a powerful green liquid fuel through our innovative ammonia cracking catalyst, paving the way for a greener future.

### Why is our technology important?

Brightank's technology addresses a pressing need for scalable, sustainable energy solutions in industrial applications. Our patented ammonia-cracking catalyst transforms ammonia, a globally available and transportable liquid, into hydrogen on demand.

Brightank supplies catalysts to industries allowing ammonia adoption as a practical fuel source for heavy transportation, off-grid power generation, and large-scale hydrogen supply, facilitating decarbonization without the need for costly hydrogen infrastructure.

### The benefits of our solution

- **Cost-Effective:** Made of non-rare materials, lowering final cost.
- **Energy Efficient:** Converts ammonia into hydrogen with reduced energy consumption, low temperature and stability over time.
- **Scalable Now:** Compatible with existing global ammonia infrastructure.
- **Everywhere:** Supports decarbonization in many industries at the point of use, from on-site industry to on-board heavy mobility.

Brightank is actively seeking partnerships to validate our technology across key industrial sectors, including heavy transportation, hydrogen supply, and power generation. At Brightank, we believe in collaborative partnerships to accelerate decarbonization with care, trust, and a shared commitment to a sustainable future.

To know more, visit our website: [www.brightank.co](http://www.brightank.co)

### Keywords

Green energy – sustainability – hydrogen – transportation – heavy industry – decarbonisation – climate change – renewables – power generation – catalyst – ammonia – ammonia cracking catalyst

### Founding Team

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