

# Blue Green Energy, Inc.

## Building the Hydrogen Infrastructure Powering Zero-Emission Trucking

The backbone of America's clean transportation future.

- Investor overview of Blue Green Energy's hydrogen travel center platform.
- Focused on building the fueling backbone required to unlock hydrogen trucking adoption.
- Initial deployment emphasizes major freight corridors across the Southwest.



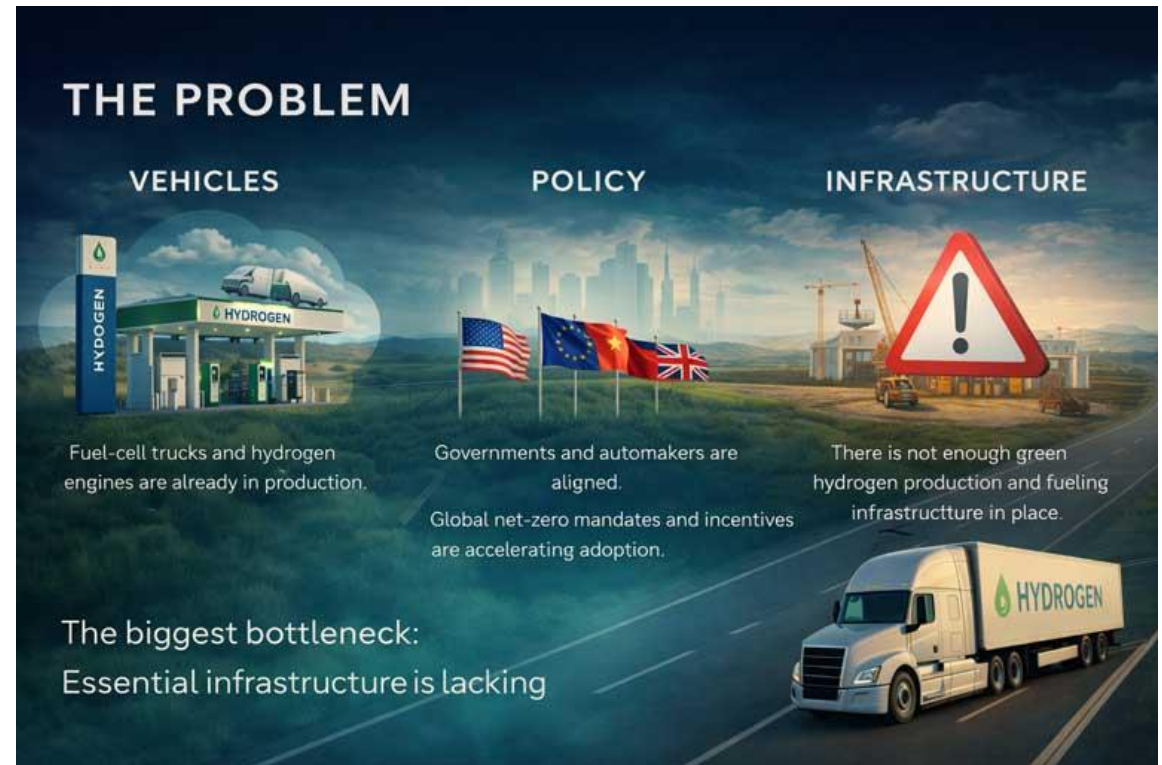
# The Global Shift to Net Zero

- Policy and capital are aligned — but technology alone is not enough.
- Over **145 countries** have committed to net-zero emissions.
- Transportation is a major contributor to global CO<sub>2</sub> emissions.
- Heavy-duty trucking remains the **largest unsolved** decarbonization challenge.
- Government + corporate mandates are accelerating zero-emission freight.



# The Problem

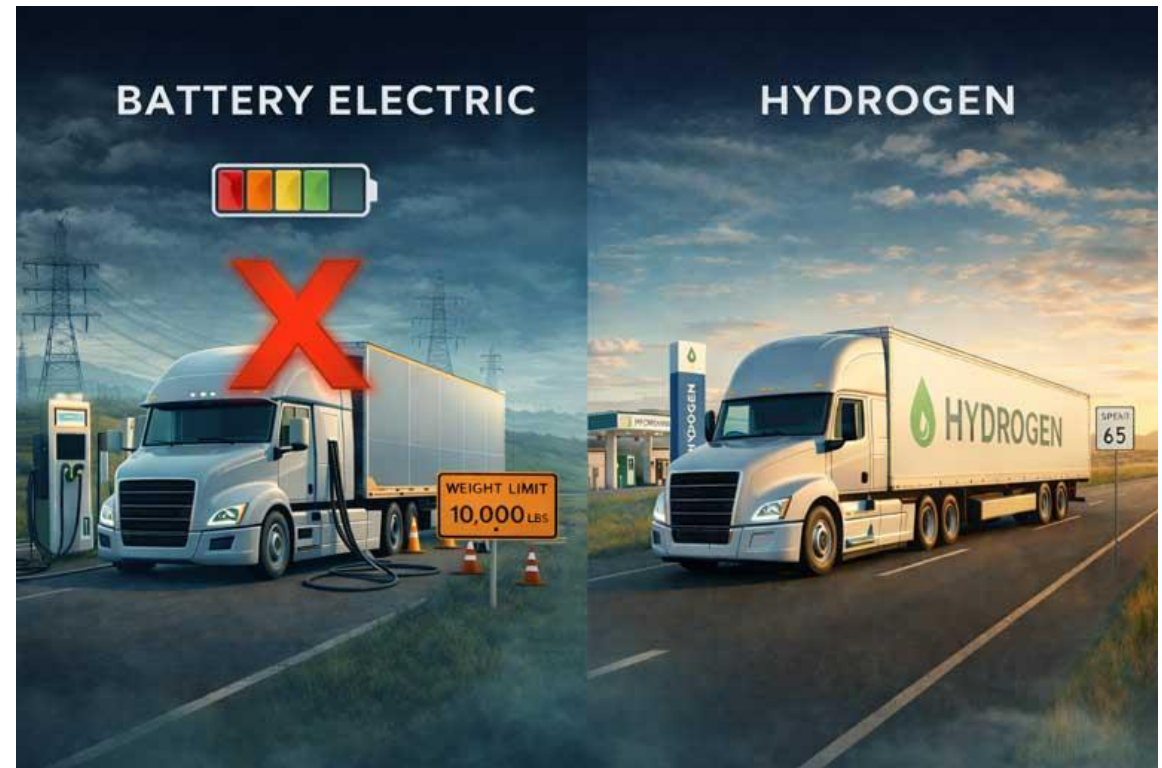
- Zero-emission trucks exist. Infrastructure does not.
- Hydrogen trucks are commercially available today.
- Fleet operators want practical zero-emission solutions.
- **Lack of fueling infrastructure prevents adoption.**
- No national hydrogen network exists for Class 8 trucks.





# Why Battery Electric Fails for Long-Haul

- Fundamental limitations limit BEVs in Class 8 duty cycles.
- Multi-hour charging times create downtime.
- Massive battery weight reduces payload and economics.
- Grid upgrades required at depots and along corridors.
- Limited range under heavy loads.
- Performance challenges in extreme climates.



# Why Hydrogen Wins

- Hydrogen solves the problems batteries cannot.
- **10–15 minute refueling** supports true freight uptime.
- **500–900+ mile range** enables long-haul routes.
- Diesel-like operational experience for fleets.
- No payload penalty from oversized battery packs.
- Zero tailpipe emissions for fuel-cell platforms.



Hydrogen is the only scalable solution for heavy-duty transport.

# Green Hydrogen = Near Zero Lifecycle Emissions

- Produced using renewable energy and water — zero emissions at point of use.
- Green hydrogen produced from renewable electricity + water.
- Zero CO<sub>2</sub> during production when powered by renewables.
- Zero emissions at the point of use (fuel cell).
- Onsite production reduces transport emissions and cost.



Blue Green Energy produces **green hydrogen onsite** to maximize reliability and economics.



# The Infrastructure Bottleneck

- Those who build infrastructure first capture recurring revenue and network effects.
- Every energy transition follows: technology → infrastructure → mass deployment.
- Hydrogen is at the infrastructure buildout stage.
- First movers capture market control and long-term cash flows.
- Infrastructure networks compound value through corridor effects.



**Hydrogen is at Stage 2.** Infrastructure builders are positioned for asymmetric upside.

# Blue Green Energy's Solution

- Next-generation hydrogen travel centers — energy hubs, not gas stations.
- Onsite green hydrogen production.
- Hydrogen fueling for Class 8 trucks.
- Hydrogen fueling for passenger vehicles.
- High-power EV charging.
- Restaurant, coffee shop, and convenience store.



Designed for throughput, reliability, and multi-stream revenue per location.



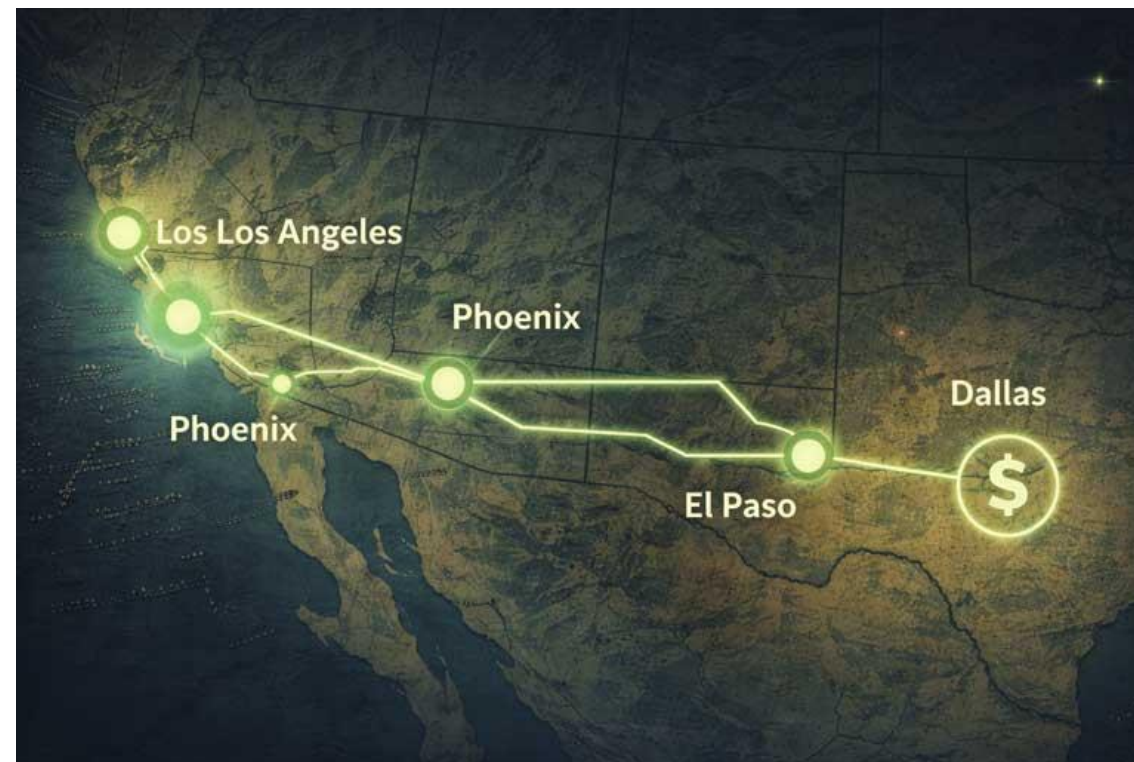
# How It Works

- Vertically integrated, corridor-ready operations.
- Solar energy powers electrolyzers.
- Hydrogen is produced onsite.
- Hydrogen is stored and dispensed.
- Fleets refuel in minutes.
- Retail and charging generate additional revenue.



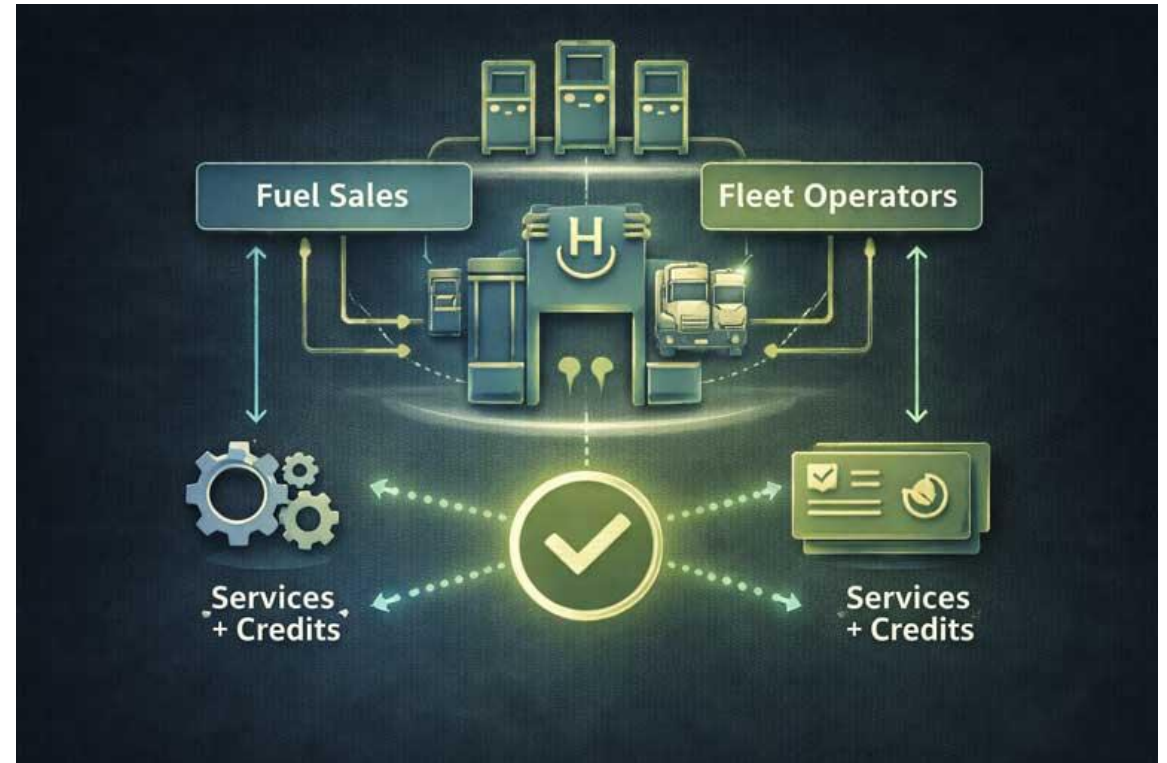
# The Southwest Hydrogen Corridor

- Stations spaced ~250–300 miles apart to enable true long-haul hydrogen trucking.
- Initial deployment connects major freight hubs:
- **Long Beach / Southern California** → Las Vegas → Phoenix → Salt Lake City → Denver → Albuquerque → Dallas → Houston
- Designed to establish a dependable corridor network for fleets.



# Market Opportunity

- A multi-decade infrastructure buildout driven by freight demand.
- U.S. heavy-duty trucking supports **trillions** in annual commerce.
- Hydrogen fuel demand increases with every fleet onboarded.
- Infrastructure owners capture fuel margin + site revenue.
- First movers dominate regional corridors and throughput.





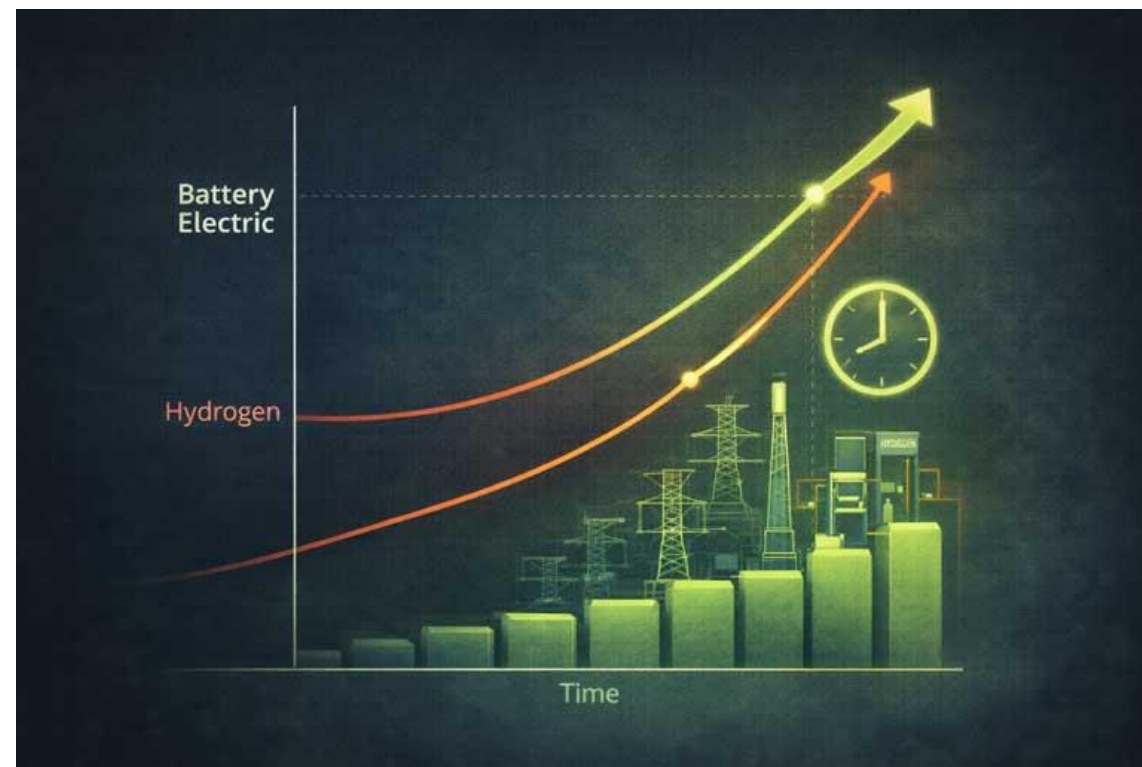
# Business Model

- Recurring, scalable, infrastructure-based cash flow.
- Hydrogen fuel sales.
- Long-term fleet contracts.
- Retail, restaurant, coffee shop.
- EV charging revenue.
- Future franchising/licensing.



# Why Now

- Hydrogen momentum is real — infrastructure supply is far below demand.
- Government incentives accelerating.
- OEMs rolling out hydrogen trucks now.
- Fleets under regulatory and customer pressure.
- Infrastructure scarcity creates first-mover advantage.



Early infrastructure = asymmetric upside.

# Investment Opportunity

- Blue Green Energy is building the backbone — not the vehicles.
- Early-stage infrastructure platform positioned before mass adoption.
- Infrastructure ownership captures recurring revenue and network value.
- Comparable categories: EV charging networks, renewable infrastructure, energy logistics platforms.
- Vision: become the leading hydrogen infrastructure platform supporting freight, ports, logistics, and fleets.



Designed for throughput, reliability, and multi-stream revenue per location.