



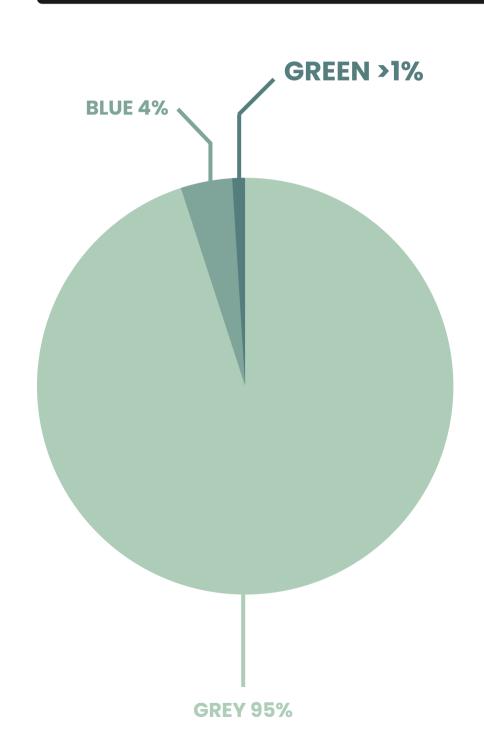
Highlights

DRAFT

- HNO International: Systems engineering design, integration, and product development for green hydrogen-based clean energy solutions.
- Experienced management team with 13 years of expertise in the green hydrogen production industry.
- Serving multiple multi-billion dollar existing and emerging markets with enormous tailwinds politically and technologically

Problem









Most hydrogen is created using fossil fuels, contributing to additional pollution.



Green Hydrogen
production and hydrogen
refueling stations are not
scaling quickly enough to
meet the demand



Many decarbonization strategies are unsustainable for small businesses

Solutions





- Produce green hydrogen on-site, reduce the cost of transportation and compression, deploy refueling and green hydrogen production quickly
- Utilize low-cost green hydrogen production and distribution technologies to reach cost parity with fossil fuel-based hydrogen
- Mitigate emissions of current internal combustion engine fleets with innovative hydrogen technologies



Products



COMPACT HYDROGEN REFUELING SYSTEM (CHRS)

Hydrogen refueling/ generation systems for various vehicle, mobility, and energy applications



SCALABLE GREEN HYDROGEN PRODUCTION (SGHP)

Small to mid-scale green hydrogen production plants



LEEFH2S AND HYDROGEN CARBON CLEANERS (HCC)

Emission and maintenance reduction technologies for internal combustion engines.



Traction







Partner finalizes pilot hydrogen contract with HKIA's ground support provider, HAECO.

Partner concludes hydrogen combustion pilot study with Indian power giant, Sterling Generators.

Secures deal and places initial order with pgm-free electrolyzer producer.

Established ties with key hydrogen compression and storage providers for CHRS and SGHP lines.

Completed design prototype of SGHP

Secured contract to custom design a HCC

Began LeefH2S pilot testing with a national fleet maintenance provider

Traction (where we're heading)





Q2 2023

Q3

Q4 2023 Q1 2024















Introduce Hydrogen Carbon
Cleaner for enhanced fuel
efficiency and emissions,
available through national
distributors

Demonstrate LeefH2S pilot: onboard hydrogen retrofit for diesel engines. Complete design of CHRS

Pilot demonstration of CHRS

Complete pilot of LeefH2S

Large scale demonstration of LeefH2S

Launch SGHP to produce up to 2,000 kg/day in green hydrogen

Customer demand





Growing interest in zero-emission vehicles and mobile equipment.



Need for decarbonization to meeting sustainability goals.



Inflation reduction act, carbon credits, and additional federal and local tax incentives/funding



Green Hydrogen Market

• \$1B in 2021 to \$72B by 2030 (CAGR of 55%)



Green Hydrogen Electricity Generation Equipment

• \$440M in 2021 to \$4.4B in 2030 (CAGR of 58%)



Hydrogen Refueling Station market

• \$540M in 2022 to \$2.7B in 2029 (CAGR of 26%)



The Inflation Reduction Act offers up to

\$3/kilogram

for green hydrogen produced as a Production Tax Credit that can be sold or kept by developers

Business model





Green Energy Project Development

Building and operating SGHP and selling hydrogen to off-takers

Utilizing low-cost hydrogen from SGHP to supply our other product line as recurring revenue



Distribution partners

Sales and licensing of LeefH2S and HCC



Direct Sales

Sales and licensing of CHRS and ZEV charging/refueling equipment to fleets and property owners



Maintenance/software packages

Recurring revenue from providing maintenance and data analytics of integrated solutions and products



The markets we address







Refueling/recharging for hydrogen refueling vehicles, transportation, and material handling equipment





Current and emerging hydrogen gas and energy markets.





Gasoline and diesel engine service market



Our competition





Primarily using fossil-fuel based hydrogen production (blue/grey)



Large and slow to deploy integrated infrastructure requiring heavy investment



Over reliance on rare-earth metals



Our vision and strategy





Vision:

We aim to be a catalyst in shaping a sustainable future and redefining clean energy access by providing innovative green hydrogen solutions that enable businesses and communities to prosper while protecting our planet.



Strategy:

- Launch CHRS and SGHP products
- Pilot, demonstrate, and sell/license LeefH2S technology
- Design and manufacture HCC for sale through distributors
- Strengthen our supply chain further with more supplier partnerships across the electrolyzer, H₂ compression and storage, and clean energy sectors
- Develop custom integrated hydrogen solutions for other businesses
- Connect with more channel partners and distributors
- Expand our reach into diverse, international markets



Our impact







Contributing to a cleaner and more sustainable future.



Reducing adoption and operation costs for businesses seeking to decarbonize



Faster deployment hydrogen solutions

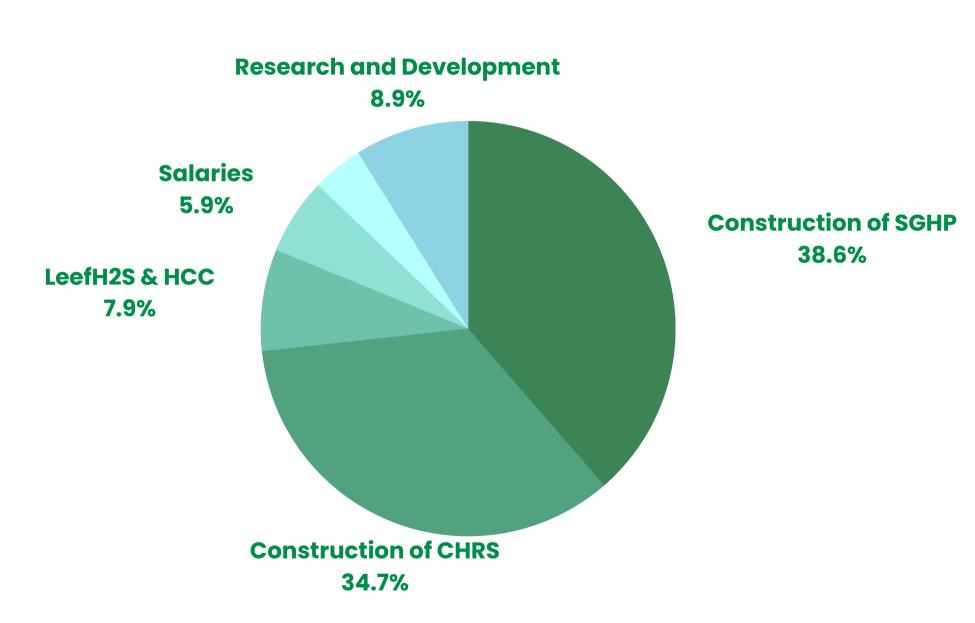
Funding





Use of funds

- Develop and commission CHRS prototype
- Launch first CHRS installations
- CAPEX for SGHP producing up to 2,000kg of hydrogen a day
- Complete LeefH2S pilot
- Fullfill orders and begin manufacturing
 Hydrogen Carbon Cleaner





Leadership Team





Donald W Owens, Chairman and Founder

Over 13 years in Clean Hydrogen Product and Service Development. Mr. Owens has dedicated the last decade to creating a customized hydrogen solutions that would become broadly applicable- the LeefH2, securing 19 patents. He has personally tested and verified his technology in laboratories approved by the U.S. Environmental Protection Agency.

Previously, Mr. Owens' was CEO of Business Internet Systems (BIS). In the late '00s, he launched a first-of-a-kind online platform that serviced the major

business card printing needs of the US
Congress, Branches of The Executive Office, and
The Department of State. He also spearheaded
early web and networked database
optimization for massive clients such as the US
Census Bureau.

He began his career as a patent attorney for Western Electric and Bell Labs after attaining his law degree from Georgetown University. He received an engineering degree at General Motors Institute (now Kettering).



Paul H Mueller, CEO and President

Over 30 years of experience in the Aviation, Aerospace, and Defense industries leading and growing companies in complex and dynamic technical environments, holding CEO and P&L leadership positions since 2007.

He attained his Engineering degree from the University of Notre Dame.
Paul started his career as a U.S. Marine Corps Infantry Officer where he learned his team building and leadership skills, a cornerstone of his success.



Greg Heller, CTO

Mr. Heller brings valuable strategic insight to market strategies and opportunities while ensuring efficient company operations.

Throughout his career, Mr. Heller has had the pleasure of working with renowned companies and innovators such as Arnold O Beckman, a top pioneer of scientific instrumentation and inventor of the electronic PH Meter, O2 Analyzer, Ultracentrifuge, and many more; Gordon Moore, co-founder of Intel; Brian Greene, leading theoretical physicist and string theorist; and Robert Gore of W.L. Gore and Gore-Tex, developer of expanded polytetrafluoroethylene applications including computer cables, medical equipment, and spacesuits.

Building on his experience as a managing partner at a consultancy serving Fortune 500 companies, lvy League universities, and leading technology, healthcare, and material science companies, he contributes a unique perspective to HNO's leadership team.



Hossein Haririnia, CFO

Mr. Haririnia oversees the financial functions of HNO International. He provides technical assistance to the President on corporate-level decision-making.

Before that, as a Chief Financial Officer, he managed financials for for-profit and nonprofit organizations. He also assisted in budget and cost proposal presentations for companies in countries, including Iran, Turkey, Dubai, Azerbaijan, and China.

Mr. Haririnia has managed multi-million dollar budget preparations for government entities such as NASA, the US Department of Labor (DOL), and the US Department of Transportation(DOT). He has supervised a team of accounting staff and has served as an auditor and fraud examiner.





Thankyou

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