



Commercializing Innovative Combustion Technologies

NASDAQ: CLIR

Corporate Presentation
September 2026

Safe Harbor Statement



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This presentation contains forward-looking statements. These statements include statements about our plans, strategies, financial performance, prospects or future events and involve known and unknown risks that are difficult to predict. As a result, our actual results, performance or achievements may differ materially from those expressed or implied by these forward-looking statements. In some cases, you can identify forward-looking statements by the use of words such as "may," "could," "expect," "intend," "plan," "seek," "anticipate," "believe," "estimate," "predict," "potential," "continue," "likely," "will," "would," and variations of these terms and similar expressions, or the negative of these terms or similar expressions. Such forward-looking statements are necessarily based upon estimates and assumptions that, while considered reasonable by the Company and its management team based on their experience, are inherently uncertain. All statements in this presentation regarding our business strategy, future operations, financial position, prospects, business plans and objectives, as well as information concerning industry trends and expected actions of third parties, are forward-looking statements. All forward-looking statements speak only as of the date as of which they are made. These statements are not guarantees of future performance and involve certain risks, uncertainties and assumptions concerning future events that are difficult to predict.

The following factors, among others, could cause actual results to differ materially from those set forth in this presentation:

- our limited cash, history of losses, and our expectation that we will continue to experience operating losses and negative cash flows in the near future;
- our ability to successfully develop and implement our technologies and achieve profitability;
- changes in government regulations that could substantially reduce, or even eliminate, the need for our technology;
- emerging competition and rapidly advancing technology in our industry that may outpace our technology;
- customer demand for the products and services we develop;
- the impact of competitive or alternative products, technologies, and pricing;
- our ability to manufacture any products we design;
- general economic conditions and events and the impact they may have on us and our potential customers;
- the impact of global supply-chain constraints and the threat of, or implementation of, tariffs on imported or exported goods and materials may adversely affect our commercialization efforts and business operations;
- our revenue has been highly concentrated among a small number of customers, and our results of operations could be harmed if we lose a key revenue source and fail to replace it;
- the impact of a cybersecurity incident or other technology disruption;
- our ability to protect our intellectual property;
- our ability to obtain adequate financing in the future;
- lawsuits and other claims by third parties or investigations by various regulatory agencies that we may be subjected to;
- our ability to retain and hire personnel with the experience and talent to develop our products and business;
- our success at managing the risks involved in the foregoing items; and
- other factors discussed in this presentation and in the section titled "Risk Factors" in our most recent Annual Report on Form 10-K.

This presentation also contains estimates, projections and other information concerning our industry and our business, including data regarding the estimated size of our markets and their projected growth. Unless otherwise indicated, such estimates, projections and other information is based on information released by independent industry analysts and other third-party sources and management estimates. In some cases, we do not expressly refer to the sources from which these data are derived. Management estimates are derived from publicly available information released by independent industry analysts and other third-party sources, as well as data from our internal research, and are based on assumptions made by us upon reviewing such data, and our experience in, and knowledge of, such industry and markets, which we believe to be reasonable. In addition, projections, assumptions and estimates of the future performance of the industry in which we operate and our future performance are necessarily subject to uncertainty and risk due to a variety of factors, including those described above. These and other factors could cause results to differ materially from those expressed in the estimates made by independent parties and by us.

We caution you not to place undue reliance on any forward-looking statements, which are made as of the date hereof or as otherwise specified herein. The Company undertakes no obligation to update any of these forward-looking statements to reflect actual results, new information or future events, changes in assumptions or changes in other factors affecting forward-looking statements, except to the extent required by applicable law. If we update one or more forward-looking statements, no inference should be drawn that we will make additional updates with respect to those or other forward-looking statements.



ClearSign is an industrial technology company specializing in advanced low emissions equipment.

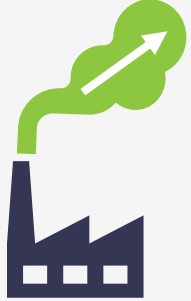
- Developed a proprietary industrial burner technology that essentially eliminates highly regulated NOx emissions at the source while burning a wide range of fuels including hydrogen
- Enables mandatory regulatory compliance at significantly reduced cost
- Generating sales and revenue in the expansive refining, petrochemical and energy markets

Presenter:

Dr. Jim Deller – Chief Executive Officer



The Problem



Increasing hydrocarbon production and use forces tighter pollution controls, most importantly emissions of nitrogen oxides (NO_x).



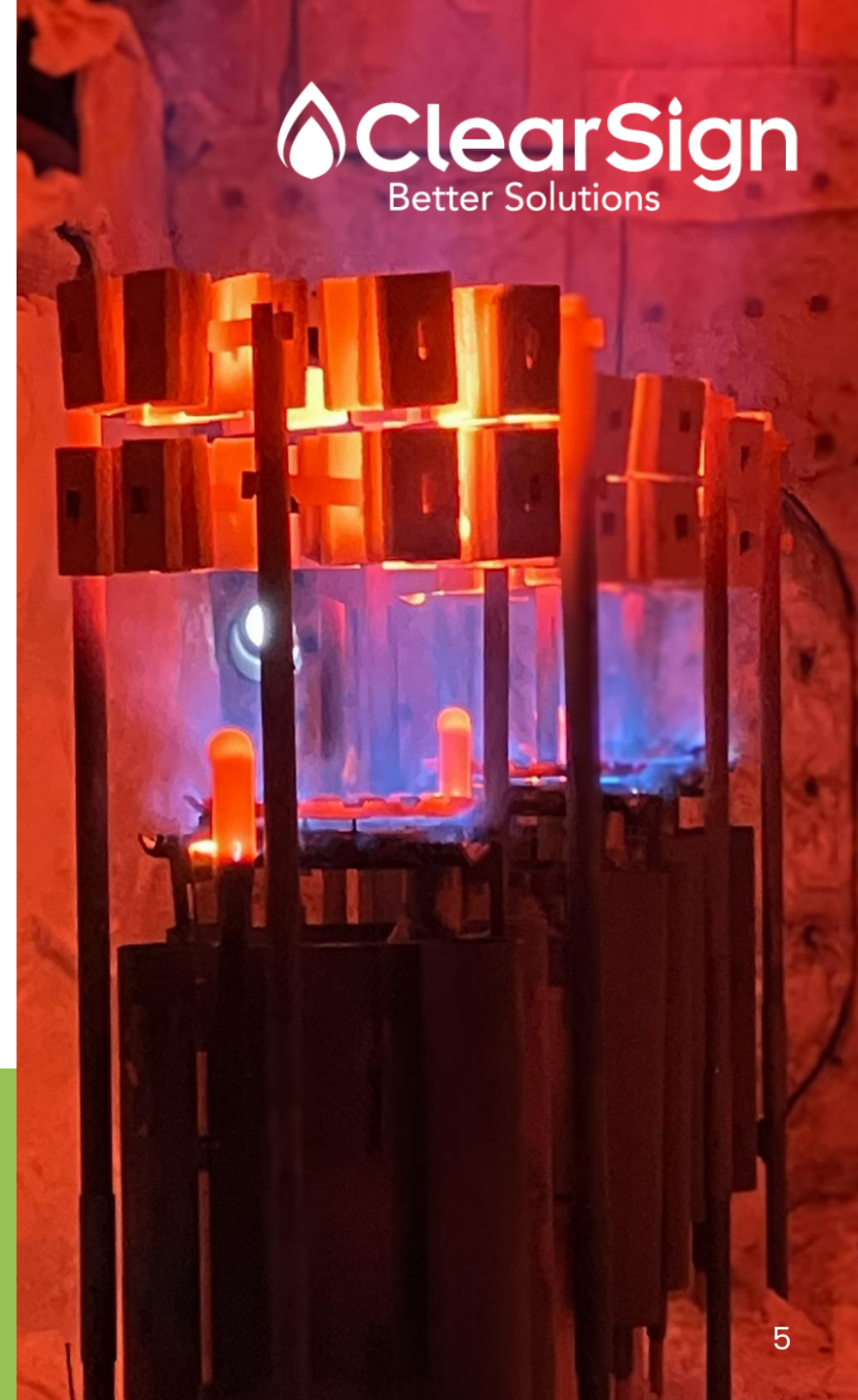
Energy companies face hundreds of millions in costs to install traditional catalytic equipment required to remove toxic NO_x emissions and comply with modern clean air regulations. **These costs can jeopardize their ability to expand and in cases, their economic viability.**

Operators need an affordable solution that meets modern NO_x regulations while providing the flexibility to operate with a wide range of fuel gases.

The Solution

- ClearSign's innovative technology essentially eliminates NOx at the source using specialized ceramic or metallic structures
- Key IP – addresses NOx formation by both chemical pathways in a flame
- Clients switching to ClearSign's specialized “plug and play” burners:
 - Save over 80% in costs compared to conventional catalytic technology NOx removal
 - Seamlessly accommodate all fuel gases up to 100% hydrogen
 - Increase productivity

**Single ongoing project saving
client an estimated \$40M**

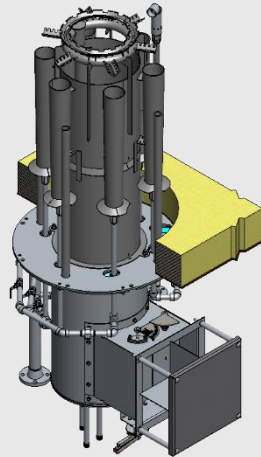


ClearSign Products



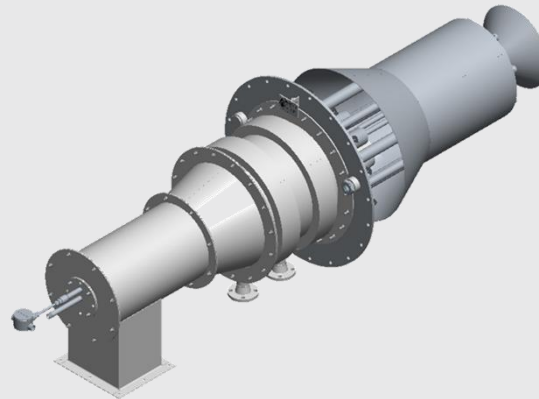
Process Burners

Refineries &
Petrochemical Plants



Midstream Burners

Pipeline & Midstream
Companies



Flares

Upstream & All Hydrocarbon
Processors



Validation

Process Burners



- ClearSign \$475k – SCR* cost \$2.7M
- Recognized as Best Available Control Technology (BACT)

Midstream Burners



- M1 First field data 2ppm NOx vs 8ppm TX permit requirement

Flares



- First formal validation test
- Demonstrated 0.6 x new CA 15ppm NOx limit

* **S**elective **C**atalytic **R**eduction System – the standard technology today

Competitive Advantage



Technology	Protected IP	Fuel Flexibility	CAPEX + OPEX	Demonstrated NOx	Added Equipment
ClearSign Core 2™	Yes	Yes	\$	Low	Minimal
John Zink SOLEX™	Yes	With complex Controls	\$\$\$	Low	Significant
Honeywell Callidus CUBP™	Yes	Yes	\$\$\$	Low	Significant
XRG Xceed™	Yes	With complex Controls	\$	Mid	Moderate
SCR	No	Yes	\$\$\$\$\$	Low	Substantial

ClearSign IP Secured (75 Patents + 20 Patents Pending)

Market Opportunity

Low NOx Combustion Equipment Market



\$1.2B

Global Annual Market
(TAM)

Driven by low-NOx emissions regulations, characterized by a mix of immediate regional compliance mandates and long-term global industrial decarbonization cycles.

\$300M

Annual Serviceable Market
(SAM)

Estimated Near Term Annual Obtainable Market with Current Technology and Regulations

Process Burners	\$82M
Upstream Flares	\$7M
Midstream Burners	\$8M

For high-consequence compliance zones requiring sub-9 ppm to sub-2.5 ppm NOx.

Business Model

Sales Revenue

- Products range from \$50k to \$1.5M with typical 45% gross profit margin target at project level

Licensing

- Customer fabrication with plans and performance guarantee

Aftermarket Services and Parts

- Technical services and replacement parts

**Asset light model
utilizes collaborative
partner infrastructure**

Today

**Aftermarket
Services**

**Technology
Licensing**

**Product
Sales**

Market Traction

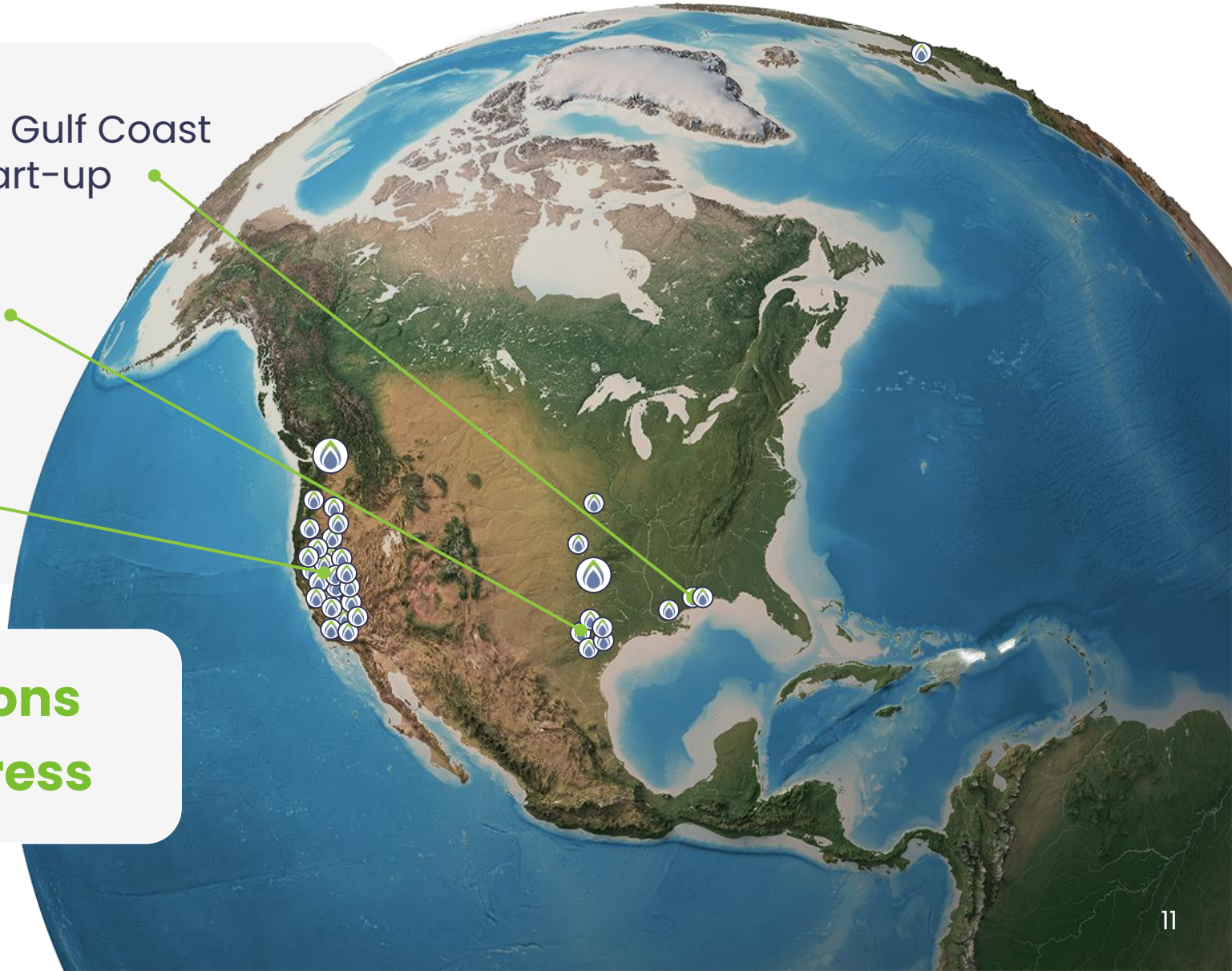
Why Now?

US Gulf Coast
start-up

M Series adoption
in Permian Basin

Major flare start-ups
in California

30 Operating Installations
24 Installations in Progress



Partnerships Driving Adoption



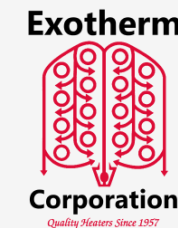
Zeeco Partnership

- Collaborative partnership with industry major Zeeco, a global leader in advanced combustion and environmental solutions with 30+ global locations
- Operates the world's largest industrial-scale test facility in Broken Arrow, OK
- Witness testing and burner fabrication in customer approved shop
- Provides infrastructure, accredited manufacturing and industry credentials
- Zeeco co-branding ClearSign technology to boost sales



Industry Relationships

- Well established and growing network of OEM heater companies carrying ClearSign technology
- Significant sales to returning customers



Key Team Members



Management

Jim Deller, Ph.D.

Chief Executive Officer

Brent Hinds

Chief Financial Officer

Jeff Lewallen

VP, Burner Business

Matthew Martin

Chief Technology Officer

Stephen Sock

Sr. VP of Business Development

Board of Directors

G Todd Silva

Anthony DiGiandomenico

Larry Saddler

Lou Basenese

Jim Deller



Capital Markets Snapshot



NASDAQ CLIR

Market Cap (as of June 30, 2026)	\$23.1M
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Cash & Cash Equivalents	\$9.9M
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Long-Term Debt	\$0
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Shares Outstanding	6.3M
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Insider Holdings	4.7%
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Patent Portfolio	75
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Headquarters	Tulsa, OK
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State of Incorporation	Delaware
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Recent Commercial Developments

- **Aug. 11, 2026:** Board of Directors Appoints Former ExxonMobil Global Technology Leader Larry Saddler
- **Jul. 28, 2026:** Receives Order for “M1” Series Burner from Tulsa Heaters Midstream (THM)
- **Jul. 1, 2026:** Receives Order for Three “M1” Series Burners
- **Jun. 16, 2026:** Receives Additional “M1” Series Burner Order for Second Midstream Heater in West Texas
- **May 20, 2026:** Receives “M1” Series Burner Order for Midstream Heater in West Texas
- **May 14, 2026:** Receives Order for Next Phase of 32-Burner Project for California Refinery
- **Mar. 11, 2026:** Reports Successful Sub 5ppm Department of Energy/Small Business Innovation Research Flexible Fuel Burner Testing
- **Feb. 17, 2026:** Receives Fifth Low-Emission Flare Order from an Energy Company in California

Above data per June 30, 2026 10-Q

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