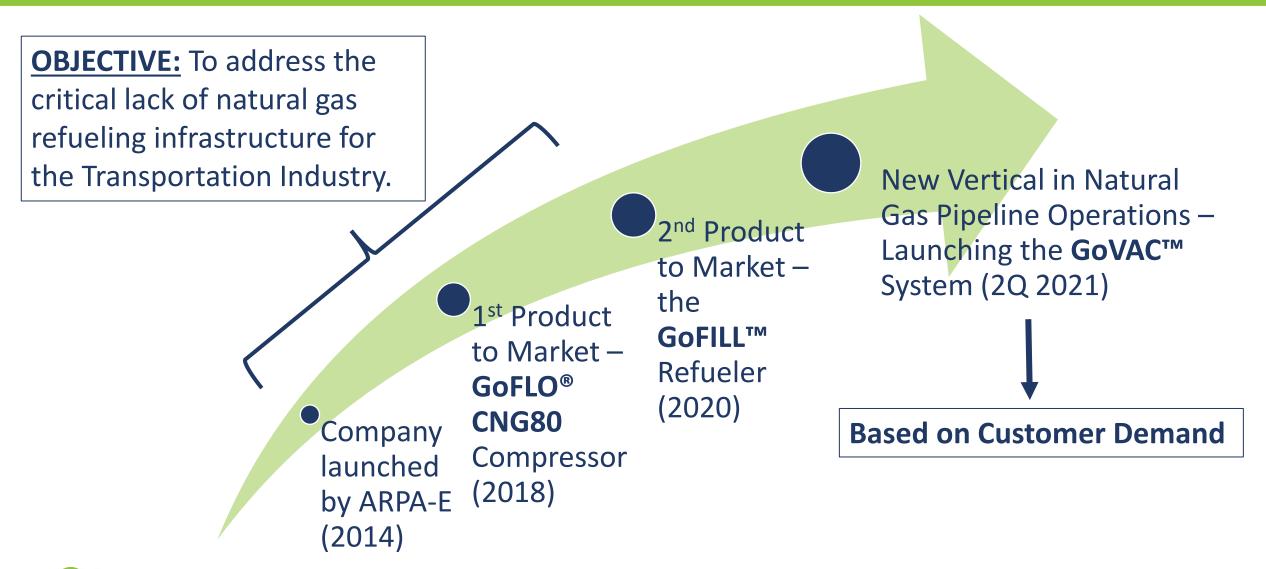


Natural Gas Technology for Driving Down Emissions

Who is Onboard Dynamics? The Road We've Traveled





What is the Problem?

Methane is released into the atmosphere from natural gas pipeline operations.

PIPELINE EMISSIONS

- **~12MMT***(US) and **~14.5MMT*** (EU) of CO₂e* emissions/yr from distribution system
- ~55.7 BCF* methane released/year
- \$1.6B cost to natural gas utilities/year

CHALLENGES FACING INDUSTRY

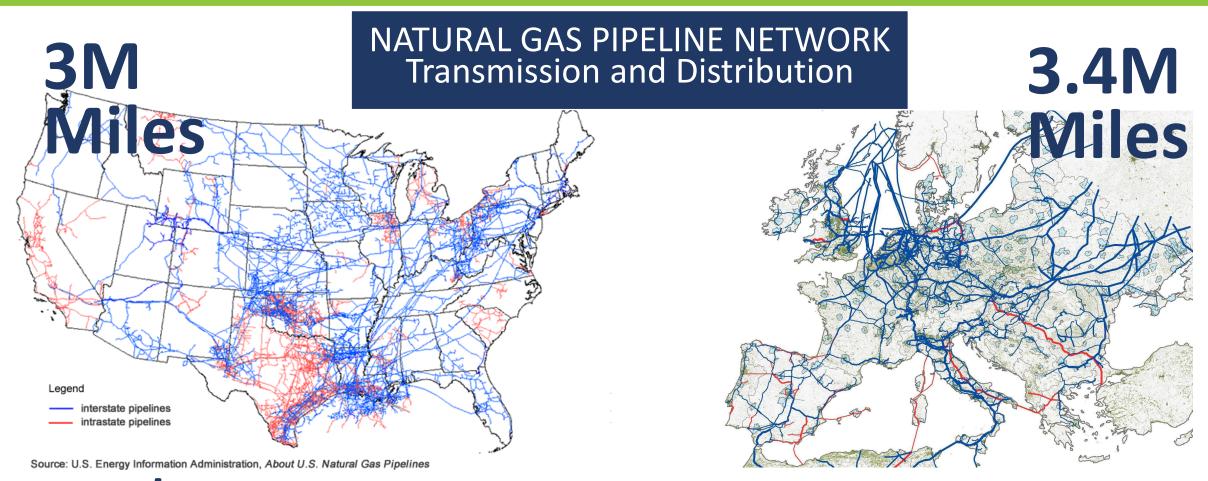
- Increasing regulation (Biden Administration, etc.)
- Aging pipeline infrastructure
- Repairing in urban areas
- Costs, time, and permitting issues







How Big is the Pipeline Operations Opportunity?



\$16 Billion Total Available Market



Solution Requires These Characteristics



Clean Environmental Profile

- Runs on natural gas
- No external electricity or diesel required
- Low noise pollution when operating in sound sensitive areas



Operational Advantages

- Cost effective, especially for short repair segments
- Portable, self-contained, small footprint
- Easy to deploy and operate
- Remote monitoring and environmental reporting



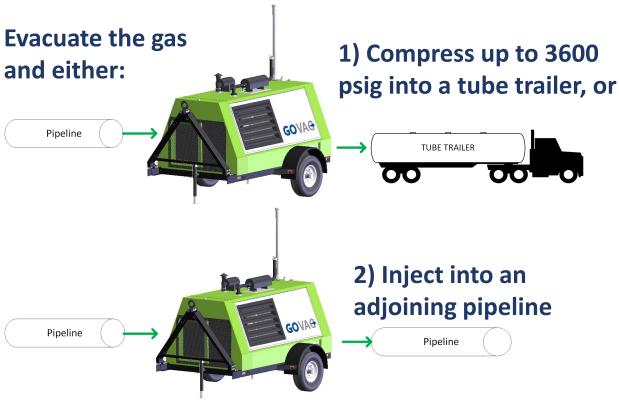
Regulatory Compliance

NFPA, EPA, SCAQMD, CSA (2021)



Introducing the GoVAC™ System





Successfully demonstrated in field operations for pipeline evacuation.

Ready for sale in 2Q 2021!

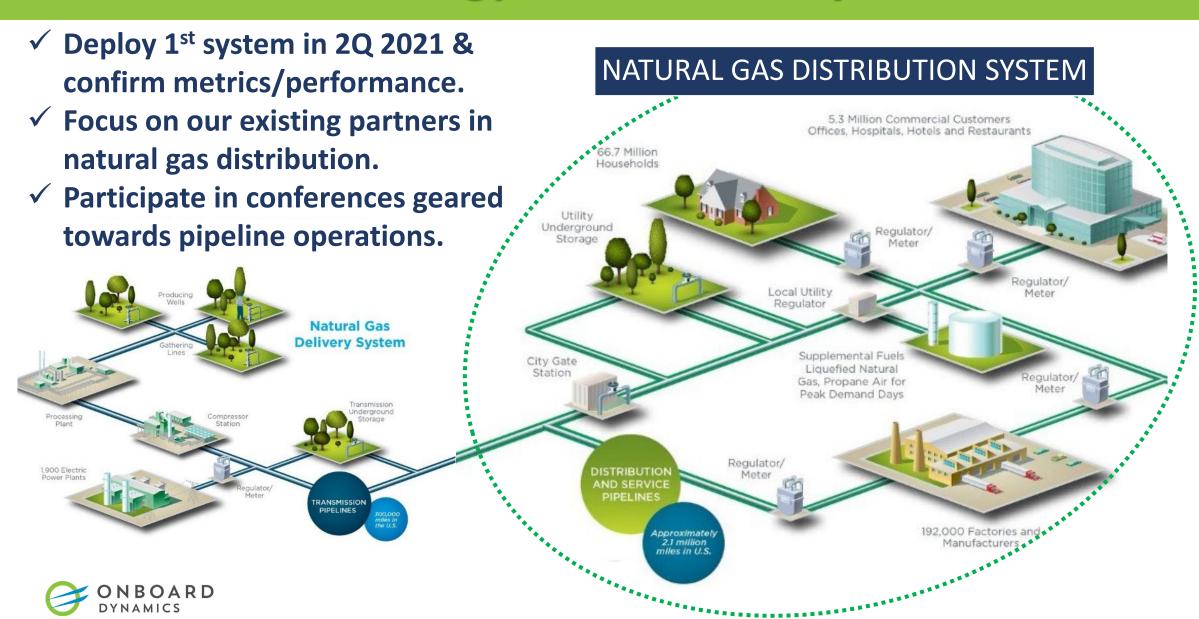


Competitive Analysis against current Market Leader

| Customer Benefits | Top Competitor | GoVAC™ |
|---|--|---|
| No Diesel or Electricity | X | |
| Inclusive Integrated Package | X | |
| Ease of Installation (& redeployment) | X | |
| Mobile, Trailer-Mounted, Self-contained | X | |
| Environmental Impact | ~190 lbs of CO ₂ e emissions/hr | ~30 lbs of CO ₂ e emissions/hr |



Go-To-Market Strategy for GoVAC™ System



Our Traction in the Field (\$1.9M Revenues to Date)





Natural Gas Utility Operations













Fleet Refueling Projects







Our Product Offerings and Business Model

- Direct Sales:

- GoFLO® Compressor
- GoVAC™ System
- GoFILL™ Refueler
- Add-ons
- CNG-as-a-Service/Leasing*
- Service & Support Contracts
- Installation & System Integration
- Data Offerings & Reporting

*Company not currently capitalized to offer but this is a preferred business model for the future.





GOVAG

Environmental Impact & Value Prop with Customers



Natural Gas Utilities

- Meeting Environmental,
 Social, Governance goals
- Enabling responsible pipeline operations
- Tube trailer refilling
- Backup of CNG stations

2019 - 2020

2019 - 2020

2021 - 2023

10,864 hours

1,310 MT CO₂e reduced 32,000 MT CO₂e projected

Total Actual

Hours of operation

Total Actual

CO₂e emissions reduction (in metric tons)

Projected

CO₂e emissions reduction (in metric tons)



Financial History and Projections



Going Forward:

- Bringing on channel partners
- Adapting sales to COVID environment
- Shorter sales cycle with GoVAC product
- Improved product margins with GoVAC

Team

Rita Hansen Chief Executive Officer, Co-Founder & BoD Serial Entrepreneur in Energy Startups

Dr. Jeff Witwer
Chief Product Strategist
Co-Founder & BoD
Energy Technologist



Rick Chief Leade to Ma

Rick Kay
Chief Operating Officer
Leader in Bringing Products
to Market



David Berokoff
Business Development
Natural Gas Utility Veteran



Alan Hansen
Director of Projects
Execution & Operations



Todd PendexterDirector of Sales
Customer Success



Karen Anderson
Chief Financial Officer
Experienced Financial
Executive & Leader



Capital Scale-Up Strategy and Ask

Bootstrapped 2013

- Founders
- In-Kind Contributions

\$50K

ARPA-E Award 2014-2017

- Non-Dilutive (ARPA-E + Others)
- Matching funds
- Prototype Built

\$6.6M

Seed Round 2017-2019

- Convertible note
- Angel Groups & Individuals
- Pilot & Launch
- Early Adopters

\$2.5M

Bridge Current

- \$6M CAP, 8% interest, 20% discount
- Extend runway
- Increase Sales

\$500K

Planned Raise

Series A 2021

- Equity-based Round
- Growth & Scale
- Build out Team
- Recurring Revenues

\$5.0M

Bridge Round Status = \$280K remaining Closing March 31, 2021



Use of Funds:

- 1st GoVAC Deployment
- Marketing collateral to support GoVAC
- Participate in Operations Conference (s)
- Hire key engineer

Smart technology for a transition to clean energy

- 1. GHG emissions reduction has world focus.
- 2. Practical, scalable, and economical options are limited in the natural gas industry.
- 3. Our disruptive technology is the smart answer.
- 4. We are the seasoned team that knows how to execute.

Onboard Dynamics — an ESG investment





Contact Us:

Rita Hansen
CEO and Co-Founder
1-206-291-3206
rita.hansen@onboarddynamics.com

Karen Anderson CFO 1-541-815-1333 karen.anderson@onboarddynamics.com

Onboard Dynamics, Inc.

62958 Layton Avenue, Suite 2 Bend, OR 97701 USA 1-541-550-3632 info@onboarddynamics.com

Stay Connected:



onboarddynamics.com/



Onboard Dynamics, Inc



@OnboardDynamics



@onboarddynamicsinc

