

## **Investor Outlook Report 2023**

### Go Green Global Technologies Corporation

**Forward Looking Statements** 

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Go Green Global Technologies Corp. is a U.S. based industrial technologies company that has created a **disruptive technology** to change the way we treat water and fuel.

# Industry-Wide Problem & Effective Solution

- Sonical Strong ROI for End User Provides Healthy
  Gross Margins with a Proven Massive Market Need
- Easy Plug and Go Technology Does Not Harm or Alter Existing Equipment Setups or Current Environments
- Proprietary Technology has proven efficiency in field testing.



Go Green Global **owns the proprietary technology**, *Sonical*<sup>™</sup>, a cost efficient and **easily installable** device that makes existing fuel and water systems run cleaner without harming the environment.



The Company's technology has been **extensively tested globally** in both laboratory and real-world settings, proving its effectiveness in both small and large-scale applications.



### **The Sonical Technology At A Glance**



#### **Molecular Altering**

Uses a novel approach to generate electromagnetic wavelengths ("pulsed power") to alter the molecular structure of water and fuels



#### **Cost Effective**

#### **Simple & Effective**

The Sonical is easily installed and cost effective to use when compared to other alternatives. Works with all existing equipment.



Environmentally Friendly

#### No Chemicals Needed

The Sonical treats the fuel or water entering the system without the use of harmful or abrasive chemicals.

The name Sonical<sup>™</sup> has been trademarked in the United States \*\*

\*\* The US application for the new 3<sup>rd</sup> generation Sonical technology was filed September 10, 2021, with the application number 17/472,060



### The Sonical Technology Explained





A component of the Sonical technology is based on **Faraday's Law of Induction** – Electric current is passed through a wire coil creating an electromagnetic field.



Go Green's **proprietary technology** involves unique coil designs, configurations and methods of generating required frequencies.



These frequencies cause a forced sequential rephasing arrangement – meaning it **optimizes the effects of the electromagnetic waves** on fluids passing through the field causing molecular – level changes.



### **The Sonical Technology Explained**

Sonical<sup>™</sup> Water Treatment Technology



- Designed to prevent and reduce scale build-up that causes damage to equipment and decreases energy efficiency.
- It "Kills" bacteria and other harmful micro-organisms without removing beneficial minerals present within the water.



- The Sonical fuel treatment system is a retrofit device that can improve fuel economy and increase longevity for engines, including furnaces, boilers, generators, etc.
- Maximizes fuel potential for a cleaner burn and reduces build-up of microorganisms in fuel lines.
- In addition to fuel savings, the device can help save the planet. The device significantly reduces the carbon dioxide emissions of nearly any fuel combustion system.



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### **Problems With Fuel Market**

#### Aggressive Global Emissions Standards

Existing **emission control tech will not be enough to satisfy the aggressive global emission standards** set to go into effect over the next 3 years.

#### **Increasing Fuel Costs**

National **average retail gasoline prices hit \$4.89 as of June, 2022,** adding to financial hardship during economic recovery period.

#### **Supply and Demand Issues**

Even as the world begins to recover from the COVID-19 outbreak, war in **Ukraine and other global factors contribute to ongoing issues** that make getting fuel harder.



#### Works With All Types of Fuel Application

Sonical works with nearly all types of fuel applications on a pre-combustion basis (other than jet fuel) and treats fuel supply prior to combustion

#### **Improves Fuel Efficiency / Reduces Emissions**

Sonical fuel technology can **improve fuel efficiency by up to 20% and has been proven to reduce emissions** – (i.e., oil burner, for every gallon of fuel saved, there is a 22.29 lb. reduction in the carbon footprint.)

#### Prolongs Engine Lifespan & Fuel Utilization

Sonical fuel technology **prolongs the utilization of fossil fuels while we transition to green energy solutions**, and has been proven to increase engine lifespan as well.



### Fuel Market Sonical Case Studies

#### **Cooke Transportation Service**



Go Green installed fuel treatment devices on 8 trucks in 2014. Average increase in fuel economy has been 8% and the devices are still in use today.

#### **Kimball Union Academy**



#### Five boiler/furnace install providing heat to school campus

Buildings Installed: The Rink, Chellis House, Monroe House, Frost House. The Sonical devices immediately demonstrated an average improvement of fuel efficiency of more than 20%. This resulted in an ~ **annual reduction of 3,742 gallons** of fuel per year and a savings of \$11,154 for the school.



#### A Sonical Fuel Charger unit was installed on the oil burner.

The result was a cleaner and more complete burn, the soot and carbon buildup will be reduced significantly resulting in the oil burner staying cleaner and more efficient for a longer period. In addition, for each gallon of fuel saved there will be a **22.29 lb. reduction in carbon dioxide emissions resulting** in a very significant reduction in the carbon footprint of the facility

Go Green installed 25 devices onto large trailer trucks for Brook Ledge, a thoroughbred horse transportation company. **The average increase in fuel economy has been 9% across all their vans** resulting in substantial fuel cost savings.



### **Problems With Water Market**

#### Chemicals Are Ineffective Against Bacteria

Chemicals are proving to be **ineffective in the fight against legionella bacteria.** 

#### **Expensive Maintenance & Disposal Costs**

These chemicals (biocides) and anti-scale chemicals used in HVAC systems are **highly toxic, require expensive maintenance,** and high disposal costs.

#### **Introduction of Human Error**

Chemical maintenance programs **introduce the possibility for human error,** increasing the chances that legionella survives and spreads.



#### **Sonical Technology Kills Bacteria**

Our new Sonical Technology kills bacteria in water systems - including bacteria as strong as legionella

### Permanent Microbial Control and Scale Elimination

Once installed, the Sonical **offers a permanent solution** to eliminating scale and other microbes founds in water.

#### **Introduction of a Non-Chemical Treatment**

Sonical Systems are a **non-chemical treatment** that is a plug and go easy installation.



### Water Market Sonical Case Studies

CANADA - The Tim Hortons franchise located in Hamilton, Ontario, installed a whole store system.



- 2 years after the Sonical install there was still no need to calibrate the coffee machines. A store without the Sonical is calibrated weekly.
- Soup Warmers are no longer pitted and are free of scale
- Minerals that create scale are now a white powder
- Hot water taps for tea machines un-scaled and heating elements remain un-scaled

#### ITALY - Villa d'Este is located in Tivoli, Italy



USA - Bethel, Connecticut Nursing Home -McKenney Mechanical



A Sonical unit was installed in 2015. The cooling tower system is still scale-free today.



### **Problems With Maritime Market**

#### **Emissions Regulations in the Industry**

The International Maritime Organization (IMO) has ruled that the marine sector will have to **reduce sulfur emissions by over 80%** by switching to lower sulfur fuels.

#### **Expensive Mitigation Strategies**

To cut emissions, operators have been forced to install exhaust scrubber stacks (a \$2-10M dollar cost per ship). These are expensive to procure and maintain.

#### **Environmental Harm from Scrubbers**

Scrubbers redirect emissions that would otherwise pollute the air, and harmful toxins are instead released into the aquatic environment.



#### **Sonical Technology Cuts Emissions**

With **90k maritime vessels worldwide**, the Sonical could make a huge difference in emissions regulations if installed in just a fraction of those ships.

#### Lower Installation Costs & Limited Maintenance

Maritime executives are attracted to the lower cost of **the Sonical system (\$0.5-\$1mm per ship)** and the added cost savings from gains in fuel economy (something scrubbers do not provide).

#### **No Adverse Effects from Sonical**

Sonical systems do not have any drawbacks and are only a **positive beneficial system to reducing emissions.** 



### **Go To Market Strategy Verticals**

#### **Industrial Water Vertical**

- ✓ Distributors (3 existing)
- Independent Sales Representatives
- Licensing Agreements

#### **Industrial Fuel Market Vertical**

- Maritime (Certification process under review with consultants)
- Locomotive (Testing protocols being reviewed)
- Trucking Fleets (Independent Sales Representatives)

#### **Residential Water**

Distributors (5 existing)

#### **Residential Fuel**

Distributors (3 existing)

#### International Licensing

- Generators/Fuel
- ✓ Wastewater treatment
- ✓ Spain Distributor
- Cannabis Producers/Canada/US





### **Domestic Fuel Market Potential**

Target	Product	Addressable Market Size	Penetration	Units Sold	ASP**	Revenue
Small Duty Trucks	12mm Diesel Unit	20,000,000	1%	200,000	900	180,000,000
Medium Duty Trucks	³⁄a" Diesel Unit	8,000,000	1%	80,000	1,000	80,000,000
Maritime Vessels	Custom Fuel Unit	87,000	1%	870	500,000	435,000,000
Commercial Boilers	½" to ¾" Heating Oil Units	12,000,000	1%	120,000	5,000	600,000,000
Residential Oil Heat	³∕₃" Heating oil Units	6,300,000	1%	63,000	500	31,500,000
Passenger Vehicles	10/20mm Gasoline Units	170,000,000	1%	1,700,000	500	850,000,000

\* Source- US Department of Transportation, US Census Bureau, National Oilheat Research Alliance, National Restaurant Association & USA Swimming. \*\*Average Selling Price is based on a discount to the suggested MSRP to reflect Go Green's Distributor network.



### **Domestic Water Market Potential**

Target	Product	Addressable Market Size	Penetration	Units Sold	ASP**	Revenue
Schools and Municipal	4" to 6" Water Units	386,000	1%	3,860	75,000	289,500,000
Hospitals	4" to 6" Water Units	8,000	1%	80	75,000	6,000,000
Other Commercial Water	4" to 6" Water Units	4,750,000	1%	47,500	17,000	807,500,000
Restaurant/Retail	0.5" to 1.5" Water Units	160,000	1%	1,600	2,200	3,520,000
Residential Water	0.5" to 1.5" Water Units	135,000,000	1%	1,350,000	1,000	1,350,000,000
Swimming Pools	0.5" to 1.5" Water Units	15,000,,000	1%	150,000	2,000	300,000,000

\* Source- US Department of Transportation, US Census Bureau, National Oilheat Research Alliance, National Restaurant Association & USA Swimming. \*\*Average Selling Price is based on a discount to the suggested MSRP to reflect Go Green's Distributor network.



### **Experienced Management Team**



Danny G. Bishop, CEO, President

- 20 Years of experience in Hospital Administration
- National Sales Leadership in diverse executive capacities
- Strengths in operations, leadership, QIP Development and marketing
- Lead Go Green as National Sales Director in 2010
- Received BS from Eastern Michigan University in OT in 1976



**Corrine Couch** COO, Director

- Named COO in 2022
- Has more than 8 years of operations and logistical experience
- Bachelors in Political Science and Environmental Studies
- Experienced political affairs coordinator
- Emphasis on procuring government funding for Go Green Global
- Future looking initiatives for government distribution contracts



John Eric D'Alessandro, Director / Director of Sales & Manufacturing

- Graduate of Southern Connecticut
  University with a Bachelors in
  Microbiology with a minor in Chemistry.
- Substantial experience in sales, personnel management, and inventory development.



### Go Green Global Technologies Summary

- Proven Massive Market Need and Strong Pipeline for Both Fuel and Water Technology
- ✓ Strong ROI for End User provides healthy gross margins
- Limited Direct Competition in Fuel and Water Industries
- Plug and Go Technology That Does Not Harm or Alter Existing Equipment
- ✓ Successful Field Studies completed globally
- Experienced Management Team with Equity based incentive plan
- ✓ Patent- Pending Proprietary Technology

