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# CORPORATE PRESENTATION

**Sep 2017**

TSX:V DYA | OTCQB: DYFSF | [www.dynacert.com](http://www.dynacert.com)

# Forward Looking Statement

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This presentation/document contains forward-looking statements reflecting dynaCERT's current forecast of certain aspects of the Company's future. It is based on current information that has been assessed, but which by its nature is dynamic and subject to rapid and even abrupt changes. Forward-looking statements SEP include, without limitation, statements regarding growth projections, including financial forecasts and the projected rollout of the Company's products.

dynaCERT's actual results could differ materially from those stated or implied by the Company's forward-looking statements due to risks and uncertainties associated with its business, including, but not limited to:

- The requirement for significant financing to develop and market its technology;
- The ability to establish and maintain arrangements with industry recognized strategic partners;
- Market acceptance of the Company's technology and products;
- Competition in all aspects of its business;
- The effect of general economic, credit and capital market conditions on its business;
- The ability to complete product development milestones and progress towards commercialization of product within the contemplated timetable;
- The ability to attract and keep highly qualified staff and management; and
- Changes in product profit margins due to pricing changes driven by variations in customer demand, competition, or unforeseen factors.

The Company's forward-looking statements should be considered in the context of these and other risk factors.

All future written and oral forward-looking statements made by the Company on its behalf are also subject to these factors. The Company undertakes no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

Securities laws vary between Canadian provinces and investors should seek independent legal advice regarding compliance with applicable securities laws in connection with any investment in the Company.

The securities of the Company are not registered under United States securities laws.

This presentation/document is not a prospectus or a public offering in any jurisdiction.

# A Cutting Edge Tech Company Positioned for Dynamic Growth and a Solid ROI

## The Benefits of our Technology



- Increased Torque
- Increased Engine Oil Life
- Reduced Fuel Consumption
- Reduced Carbon Emissions
- Reduced Maintenance
- Reduced Vehicle Downtime



# Corporate Team

## MANAGEMENT TEAM



Jim Payne  
President & CEO



Terrence MacDonald  
CFO & Corporate  
Secretary



Robert Maier  
COO & Chief  
Engineer

### Capital Structure

239 Shares Outstanding  
50% are closely held

**TSX:V (DYA) OTCQB: (DYFSF)**

### Board of Directors

Wayne Hoffman, Chairman  
Jim Payne, Director  
Dr. Elliot Strashin, Director  
Jean-Pierre Colin, Director  
Ron Perry, Director  
Dr. Richard Lu, Director  
Robert Maier, Director

### ***dynaCERT Inc.***

501 Alliance Avenue, Suite 101  
Toronto, ON M6N 2J1  
Tel: 1.416.766.9691

# Engineering and Operations Team

## **Mr. Robert Maier – MBA, P.Eng. – COO & Chief Engineer**

Mr. Maier has a strong background as a senior executive leader in some of Canada's largest manufacturing companies, such as Skyjack. He launched many new products locally and shipped them worldwide, and has developed companies to commercial success.

## **Mr. David Bridge – IT Manager**

Mr. Bridge is a certified IT manager with 20 years experience in managing technology operations and multi-million dollar corporate ventures (Blackberry/Virgin Mobile/RBC Financials). Accomplished leader with extensive knowledge of restructuring and streamlining IT to increase efficiency and reduce cost. Expertise in the design and delivery of customer focused, cost effective, scalable and high performance IT infrastructure and applications.

# Engineering and Operations Team

## **Mr. Gurjant Singh, M.A.Sc – Production Manager**

Gavy holds a masters in mechanical engineering from the University of New Brunswick. He has been deeply involved in the latest development of the HG technology and is responsible for continuous production in the Alliance Avenue facility.

## **Mr. Valdis Martinsons, M.A.Sc., M.B.A., P.Eng. – Technology Advisor**

Mr. Martinsons is a Senior Level Executive with a track record of providing leadership in businesses where technology is mission critical or technology is core to the business; including start-ups, high growth oriented ventures, global corporations and growing technologically innovative organizations.

## **Mr. Derk Z. Maat, M.Eng., P.Eng. – Business/Environmental Advisor**

Mr. Maat has over 37 years of professional experience in the environmental field where he has been involved in research and development, consulting, design, construction engineering, technology development, and marketing.

# Company Background

- Started as Dynamic Fuel Systems Inc. in 2004
- First JetStar unit produced Brown's gas in 2004
- Small sales generated to Pepsi and other First Adopters

## REFOCUSED AND STRENGTHENED BUSINESS MODEL



- 2010 engine testing revealed separate gases provide unique characteristics
- Developed Patent Pending system that separates hydrogen and oxygen – HydraGEN™
- Developed Patent Pending “Smart” Electronic Control Unit (ECU) – the brains of the HydraGEN™
- 3<sup>rd</sup> party validation from UOIT confirmed the performance of the HydraGEN™ technology
- Now shipping the HG1 product to customers worldwide

# Global Concern

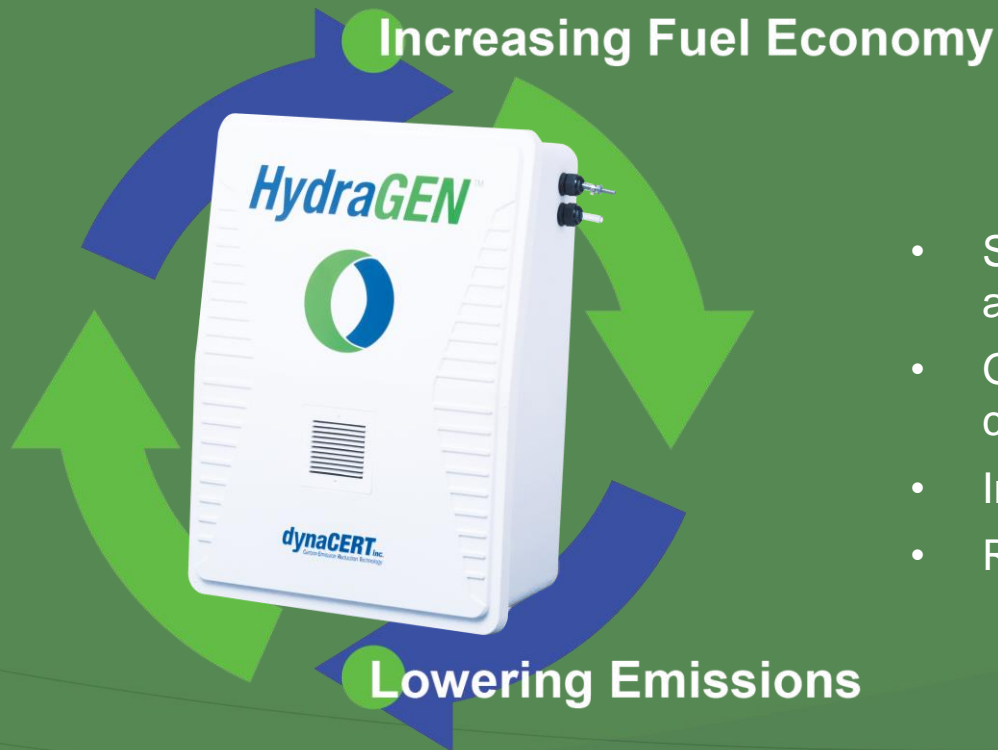
## Global Greenhouse Gas Emissions

- Ratification of the Paris Climate Accord as the world rallies in a fight against climate change
- Federal regulators issued new greenhouse gas standards that will force manufacturers to reduce carbon emissions
- Canadian Government gives provinces until 2018 to adopt carbon price plan
- Ontario has committed to spend \$7-billion on sweeping climate change plan
- Transportation sector produces over 40% of GHG Emissions



# Dramatic Fuel Improvements

## HydraGEN™ HG1 Enhances Combustion



- Supplies engine with pure hydrogen and oxygen gases
- Generates a faster and more complete combustion [4,7,8]
- Increases fuel economy [4,7,8]
- Reduces emissions at source [4,6-8]

# Smart ECU

- Brains of the HydraGEN™ Technology
- Electronically optimizes H<sub>2</sub> & O<sub>2</sub> gas injection to the engine air intake
- In-cab tablet display
- Planned next generation will provide operational parameters in real time

# Current Market Focus

Increase Profitable Market Share  
Accelerate Market Penetration in Two Primary Sectors

## Off-Road

- Heavy construction equipment
- Mining trucks

## On-Road

- Class 6 – 8 engines
- Refrigeration trailers
- Buses



## Power Generation

- 300hp – 30,000hp engines
- Widely used in remote locations
- Provides simple transition to Marine/Rail

# Major Milestones Achieved

- Validation of product
- Commercialization of product
- Development of assembly plant
- Initial Sales
- Strengthening of team
- Named one of CIX 2016 Top Most Innovative Companies
- Number 1 Ranked Company Across All Sectors for 2016 - TSX Venture 50®



# Conclusion

- Road proven technology
- 75M shares in Voluntary Lock-Up Agreement demonstrates confidence and commitment to *dynaCERT*'s future
- Working with Fleets to:
  - Reduce Fuel Costs
  - Reduce Emissions
  - Reduce Maintenance Costs
- Partnerships providing endless possibilities

# References

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**HydraGEN™** - our on demand electrolysis unit designed for internal combustion engines that supplies the air intake with hydrogen and oxygen gases. Results show increased fuel economy, increased torque, extended engine oil life and a reduction in emissions.

## ON-ROAD / RAIL / MARINE POWER GENERATION / OFF-ROAD

### **How much fuel does the trucking industry consume?**

The trucking industry accounts for 12.8% of all the fuel purchased in the U.S. [www.Truckinfo.net](http://www.Truckinfo.net)

### **How many trucks are sold in the U.S.?**

Approximate average of 192,000 per year

### **How big is the trucking industry?**

The trucking companies, warehouses and private sector in the U.S. employs an estimated 8.9 million people employed in trucking-related jobs; nearly 3.5 million were truck drivers. Of this figure UPS employs 60,000 workers and 9% are owner operators. LTL shippers account for around 13.6 percent of America's trucking sector.

### **How many trucks operate in the U.S.?**

Estimates of 15.5 million trucks operate in the U.S.

### **How many truckers are there?**

It is an estimated over 3.5 million truck drivers in the U.S. Of that one in nine are independent, a majority of which are owner operators. Canada has in excess of 250,000 truck drivers.

**Lower Carbon  
Emissions  
Fuel Savings  
Extend Oil Life  
Extend Engine Life  
Increase Horsepower**



*EXTENDED LIFE CYCLES / ECOLOGICALLY  
CONSCIOUS*

The technology behind **dynaCERT's** great results is the culmination of ideas, people and partnerships. Staying on the forefront of cutting edge solutions for a global market; we deliver Carbon Emission Reduction Technologies.

## GREEN INITIATIVES

Our **Green Initiative** focuses on reducing the amount of Greenhouse gases (GHG) emitted by human activities from the combustion of carbon based fuels. Our technology works with internal combustion engines used for industrial production processes, transportation; including tractor-trailers, refrigeration containers (reefer units), rail and marine to power generation. As more opportunities open up for us to validate our technology in these areas the more impact we will have.

## REDUCE EMISSIONS / INCREASES FUEL ECONOMY

We are a growing energy sector company that specializes in delivering Carbon Emission Reduction Technologies to a global marketplace. Throughout our years in business we have worked to provide a reliable and effective electrolysis unit that would generate hydrogen and oxygen on demand to: (A) address the growing requirements to reduce emissions; and (B) provide an increase in fuel economy.



VISIT OUR WEBSITE FOR MORE INFORMATION ON THIS TECHNOLOGY:  
**[www.dynacert.com](http://www.dynacert.com)**

## MANAGEMENT

**James Payne** - President & CEO

**Wayne Hoffman** - Chairman

**Robert Maier** – COO

**Terrence MacDonald** - CFO

**Investor Relations** - Nancy Massicotte: T: 416-766-9691 Ext #1 E: [ir@dynaCERT.com](mailto:ir@dynaCERT.com)

## MARKET STATISTICS (TSX.V: DYA)

Share Price (09/01/17): \$0.53

52-week low/high: \$0.14 / \$1.18

Market Cap (09/01/17): \$126 M

Shares Outstanding: 239 M

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*HydraGEN™ lets DIESEL DO DIESEL*