

# A GLOBAL SOLUTION TO REDUCE POLLUTION

November 2021 Presentation



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  - 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.

# Patented Technology

- Produces measured amounts of hydrogen and oxygen gases from distilled water
- On-demand (no storage, no pressure, intrinsically safe)
- With a low power demand from the engine's battery bank
- Delivered to the air intake of internal combustion engines
- On trucks, mining equipment, generators, reefers, construction equipment
- < particulate matter < black smoke
- < Diesel Exhaust Fluid and < Diesel Particulate Filter
- 5 Families of Patents globally





# Class 8 Truck Application



# HydraGEN™ Technology



- C \$90 million already invested
- 18 years of R&D to commercialization
- Continued & expanded R&D for new models in expanded R&D facilities
- Results in:
  - > More power
  - > Better torque
  - < Less fuel consumption and
  - < Less CO<sub>2</sub>, CO, and NOx
- For internal combustion engines

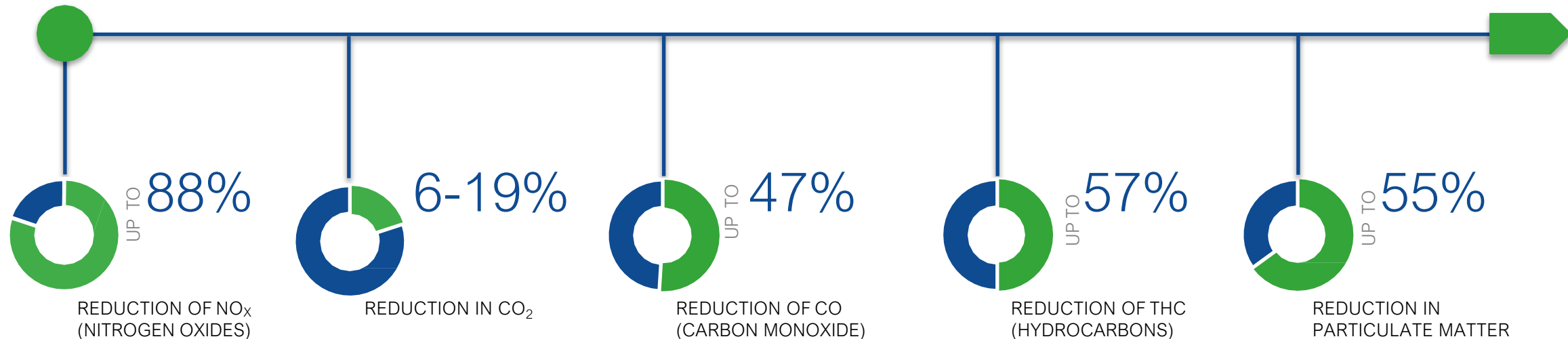


# Emission Benefits

# HydraGEN™

## HydraGEN™ Lowers Emissions Substantially

The following results have been acquired from accredited third party verification performed by PIT Group in Montreal, Quebec, Continental EMITEC in Germany and performance testing at the UOIT ACE in Toronto, Ontario.



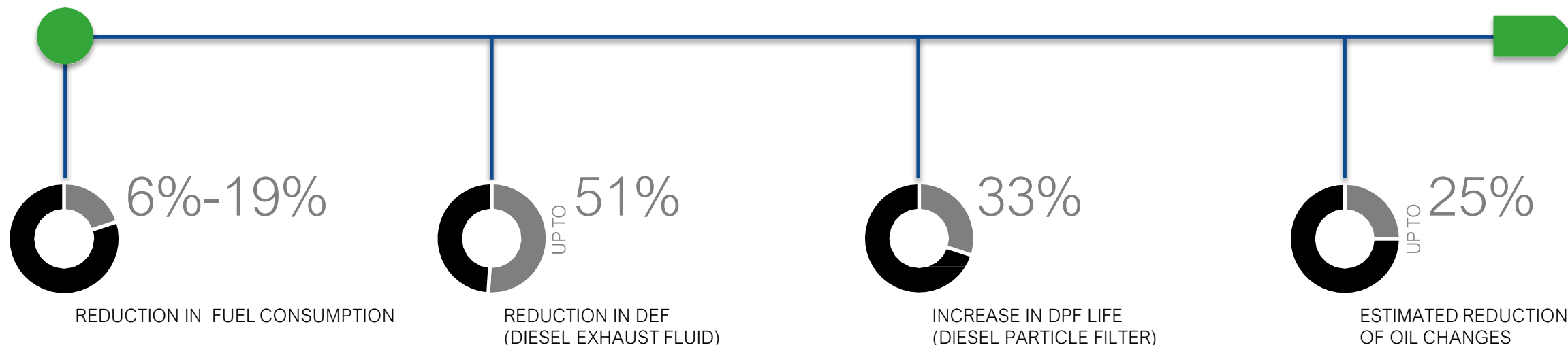


# Economic Benefits

**HydraGEN™**

## Lower Consumption and Maintenance

The following results have been acquired from accredited third party verification performed by PIT Group in Montreal, Quebec, Continental EMITEC in Germany, and performance testing at the UOIT ACE in Toronto, Ontario.

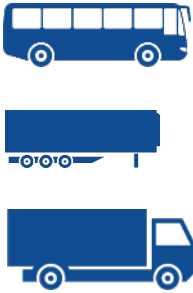


# Product Line

# HydraGEN™

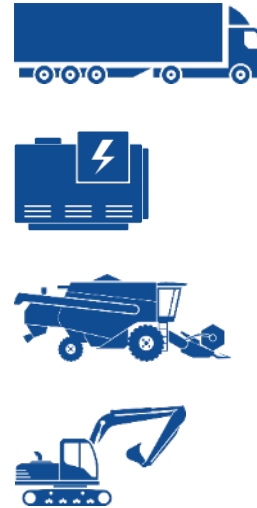
## HG2 Series

1 to 8 litre engines



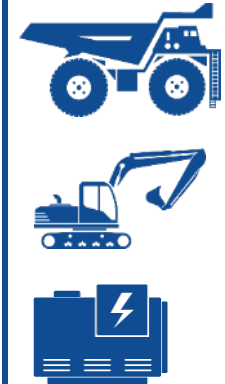
## HG1 Series

10 to 15 litre engines



## HG-C series

40 to 100 litre engines





# Industries Served



## CURRENT MARKETS



- Buses



- Refrigerated Trailers



- Small Trucks



- Class 8 Trucks



- Power Generators



- Farming



- Construction



- Mining Equipment

## PLANNED



- Passenger vehicles



- Small Marine Vessels



- Ocean Vessels



- Locomotives



# Market Size

- Total ICE Market

- 1 billion internal combustion engines operate world-wide
- 100 million new internal combustion engines built world-wide every year

- HG2 Market Estimate

- 20 million in North America
- 40 million in Europe
- 55 million in South Asia
- 20 million in South America

- Europe

- 145 million trucks

- North America

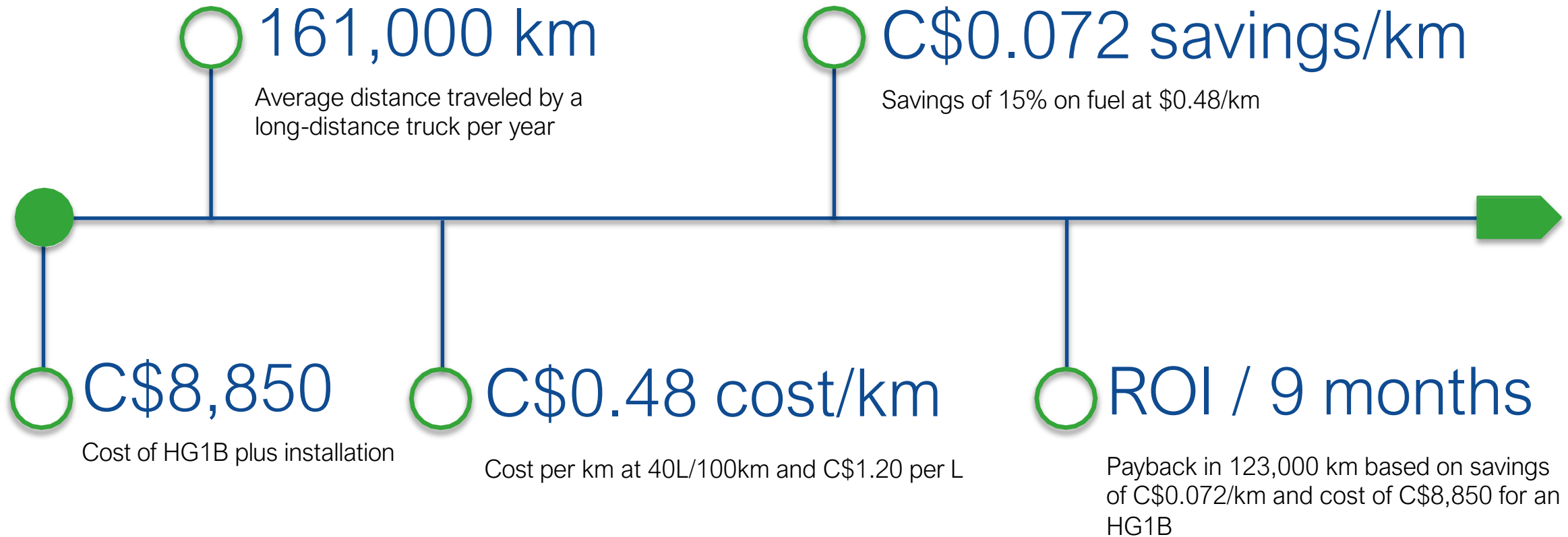
- 711,000 trucking companies relying on 3.5 million drivers
- 15.5 million class 8 trucks
- 36 million trucks registered for business

- South America & India

- 210 million trucks



# Value Proposition to End-User



*\*Payback model is only based on fuel savings. End-users of HydraGEN™ Technology may also find cost savings from other areas such as reduction of DPF filters used, less DEF usage and less oil changes.*

# Independent Validations

- UOIT (University of Ontario Institute of Technology)
- PIT Group in Canada
- Continental EMITEC
- iCAT in India
- Independent testimonials by users, globally
- TÜV NORD & TÜV SUD testing for ABE/KBA European Homologation
- Now: user “audit” with HydraLytica™





## For End-User Verification

- With dynaCERT's HydraLytica™ Telematics system, end-users can view in “real time”:
  - Visualize on their computers & phones:
    - Day-to day fuel savings
    - Reductions in Greenhouse Gas Emissions
  - Compare:
    - Fleet performance
    - Driver performance
- Convincing for all end-users
  - such as truck fleets
- Can be audited
- No reliance on prior independent third-party validation
- HydraLytica™ proves to users the value proposition of DYA products



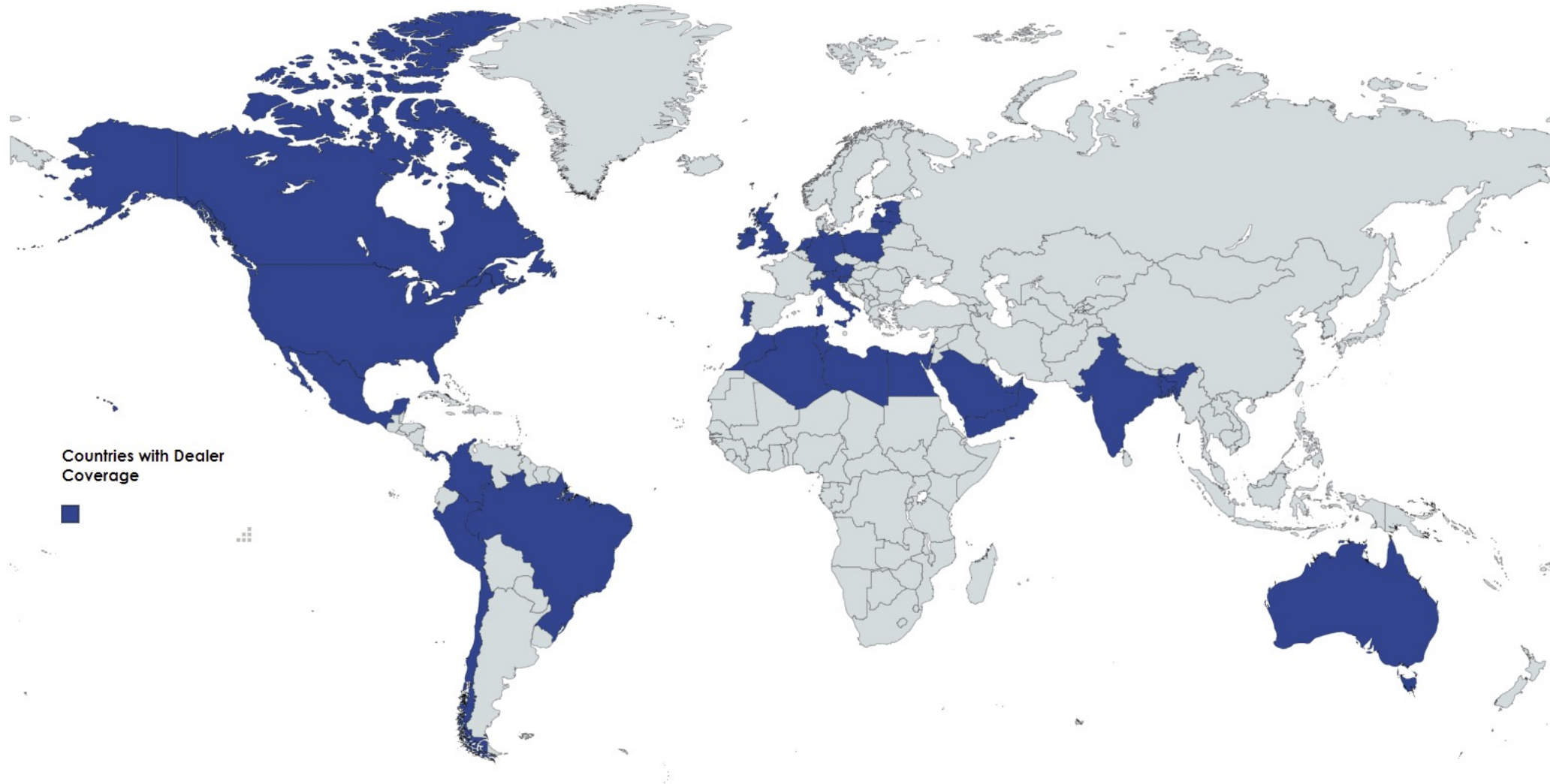
# Global Business Model

C \$90,000,000 of R&D and other expenditures over 18 years	Major Cap-Ex already expended Now commercial product
DYA sells assembled product	Product assembled by DYA in Toronto
DYA's cost of production	50% of wholesale price
DYA profit margin	100%
Fast ROI Value Proposition to Users	Approximately 1 year Payback
Low DYA overhead	
Global dealer network	Ensures local sales & service

# Dealer Network – September 2021



46 Dealers Globally that Service 33 Countries:



# High Barriers to Entry

- Separation method of H<sub>2</sub> and O<sub>2</sub> is a unique development
- \$ & years to develop the HydraGEN™ Technology
- Worldwide patented technology
  - Unique electrolysis reactor
  - Unique processes
  - Unique ECU (Electronic Control Unit)
- Certification in global jurisdictions = significant time advantage
- 46 Global Dealer Network = marketing strategy across many verticals
- First-to-market advantage

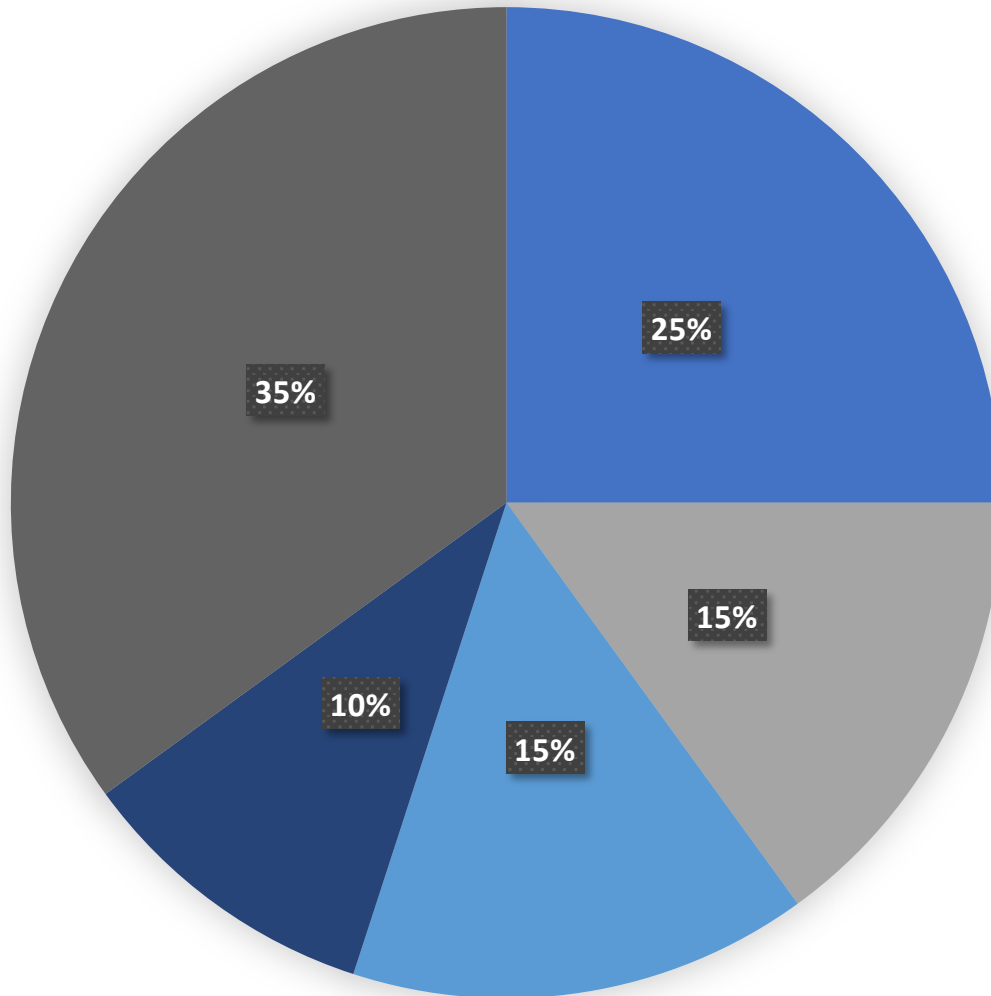




# Capital Structure

Common Shares Outstanding (as of 2021 Q2 financial statements dated June 30, 2021)	381,124,180
Warrants (at C\$0.65 – C\$1.00) (as of 2021 Q2 financial statements dated June 30, 2021)	21,650,260
Options (at C\$0.10 – C\$0.80) (as of 2021 Q2 financial statements dated June 30, 2021)	35,605,806
Market Cap @ recent price of C\$0.24	~ C\$91 Million
Very liquid stock:	Average global daily volume ~ 1 Million Shares

# Strong Shareholders



- Management + Insiders
- Institutional Investors (>15)
- Family Offices
- Eric Sprott (10% + Warrants)
- Retail Investors (approx. 6,000)

# Comparable Technology = Trailer Skirts

- Trailer Skirts
  - 90% of long-haul trucks have added skirts since their launch 9 years ago
  - Skirts cost C\$3,000 can save 1% fuel
- HydraGEN™ Technology
  - Cost the end-user ~C \$10,000 and can save approximately 10% fuel, 1% for C\$1,000
- Comparison
  - HydraGEN™ is a 3 x Better Proposition than trailer skirts



# Carbon Credits

Each long-haul truck can generate as much as C\$2,000 in Carbon Credits per year

DYA to split benefits 50-50 with truck fleet owners

DYA has received approval of its proposed concept for methodology from VERRA of the USA for Carbon Credit

led by Environmental-Partners of UK

DYA owns the HydraLytics™ software & telematics

HydraGEN™ units can produce recurring revenue

with Carbon Credits



# Recent Developments

- Harold Martin inducted to the Advisory Board
- Martin Technologies engaged to further the “science” behind DYA’s proprietary technology for future marketing to OEM’s
- Carbon Credit concept Methodology approved by VERRA
- Mr. Eric Sprott invested > C\$14,000,000 in DYA in early 2020 for ~ 10% of DYA
- Bought deal financing in July 2020 > C\$8 million to approximately 20 institutions
- Toronto Stock Exchange listing in July 2020 & OTCQX Best Markets listing in July 2020
- DISH monthly rental of HydraGEN™ Units offered to end users
- Semi-Automated Assembly Plant in August 2020 = capacity of 72,000 Units/Year
- Addition of Dealers globally (mining, trucking, generators, locomotives, marine)
- Government Relations formalized
- Sofina Foods 2nd set of Installations



# Management



Jim Payne  
President, CEO &  
Director

- CEO of dynaCERT since 2013
- Previously CEO of privately held consulting, project management and real-estate development company
- Successfully built and managed his own private companies for more than 38 years providing experience in accounting, business leadership, and the legal aspects of governance

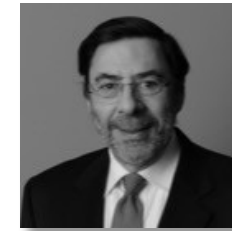


Wayne Hofmann  
Chairman

- Chartered Accountant
- Former business executive with Deere & Company responsible for mergers and acquisitions; Vice President, Finance and President of John Deere Credit
- Treasurer of Christians For Israel, Canada, responsible for Planning and Development



Robert K. Maier  
COO, Chief Engineer



Jean-Pierre Colin  
Executive Vice  
President & Director



Carmelo Marrelli  
CFO



Enrico Schlaepfer  
VP of Global Sales



Khoa Tran  
Director of Finance



David Bridge  
Technical Advisor

# Board of Directors



Wayne Hofmann  
Chairman



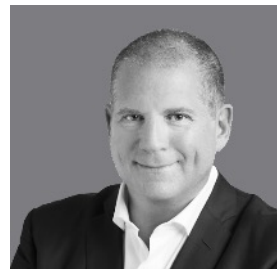
Jim Payne  
President & CEO



Jean-Pierre Colin  
Executive Vice President & Director  
former Investment Banker



Robert K. Maier  
COO, Chief Engineer, Industrialist



Stephen Kukucha  
Director, Partner at PacBridge  
Partners



Richard Lu  
Director, CEO of International  
Solar Panel industry leader



Amir Farahi  
Director, Government  
Relations Consultant



# Investment Highlights

- Proven Carbon Emission Reduction Technology
- Proprietary know-how & Patents = Leader in Canadian Hydrogen Technology
- Carbon Credits can be measured and monetized
- High Barriers to Entry
- Strong Balance Sheet with approximately C\$11 million & Very Liquid Stock
- Near-term growth potential
  - Global Strategy: Canada, USA, South America, Europe, South Asia, Middle East
  - Diversified vertical market segments: trucks, reefer trailers, buses, heavy construction, mining equipment, electrical power generators, marine & locomotive
- Compelling Value Proposition to end-users of products = approximately 1 year payback
- Strong Margins = Attractive Business Model





# Contact Us

JIM PAYNE, President & CEO

Phone: +1 416 766 9691 ext. 2

Email: [jpayne@dynacert.com](mailto:jpayne@dynacert.com)

JEAN-PIERRE COLIN, Executive Vice President & Director

Phone: +1 416 573 4300

Email: [jpcolin@dynacert.com](mailto:jpcolin@dynacert.com)

NANCY MASSICOTTE, Investor Relations

Phone: +1 416 766 9691 ext. 1

Email: [nmassicotte@dynacert.com](mailto:nmassicotte@dynacert.com)

CORPORATE OFFICE

101-501 Alliance Avenue

Toronto, ON M6N 2J1

Canada

