



# A GLOBAL SOLUTION TO REDUCE POLLUTION

Investor Presentation  
December 2020



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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
- Also: < particulate matter < black smoke < DEF and < DPF



# HydraGEN™ Technology

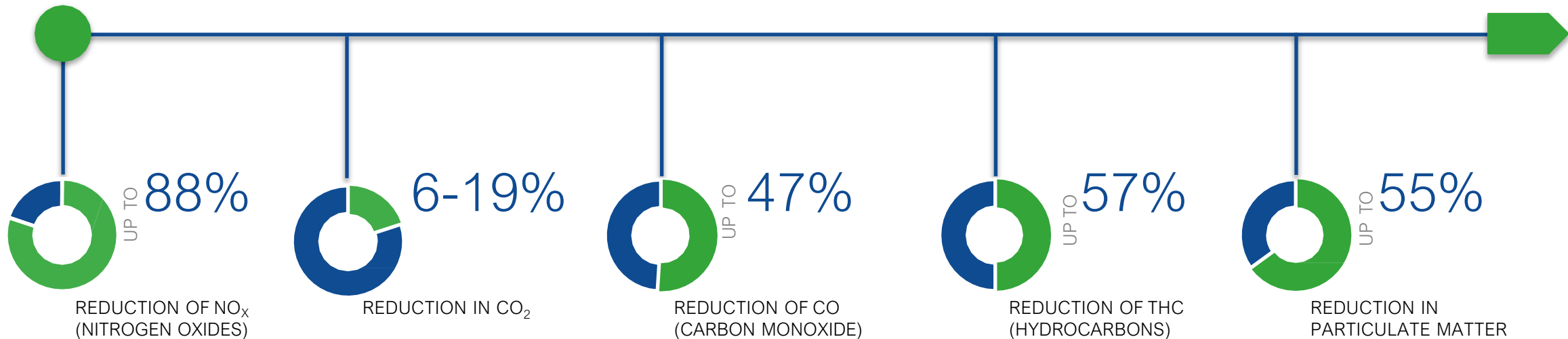
- \$60 million already invested
- 16 years of R&D to commercialization
- Continued & expanded R&D for new models
- Results in:
  - > More power
  - > Better torque
  - < Less fuel consumption and
  - < Less CO<sub>2</sub>, CO, and NOx
- For internal combustion engines (ICE)



## Emission Benefits

### HydraGEN™ Lowers Emissions Substantially

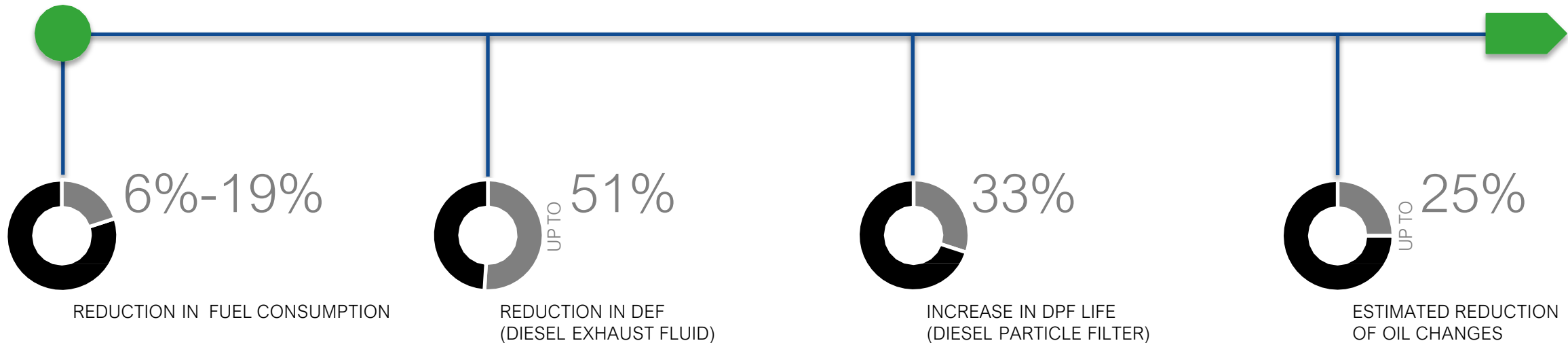
The following results have been acquired from accredited third party verification performed by PIT Group in Montreal, Quebec, Continental EMITEC in Germany and performance testing at the UOIT ACE in Toronto, Ontario.



## Economic Benefits

### 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.



# HydraGEN™

## Product Line

### HG2 Series

1 to 8 litre engines



### HG1 Series

10 to 15 litre engines



### HG-C series

40 to 100 litre engines



# Class 8 Truck Application





# Construction Equipment Application



# Construction & Mining Application



# Industries Served

## CURRENT MARKET



- 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

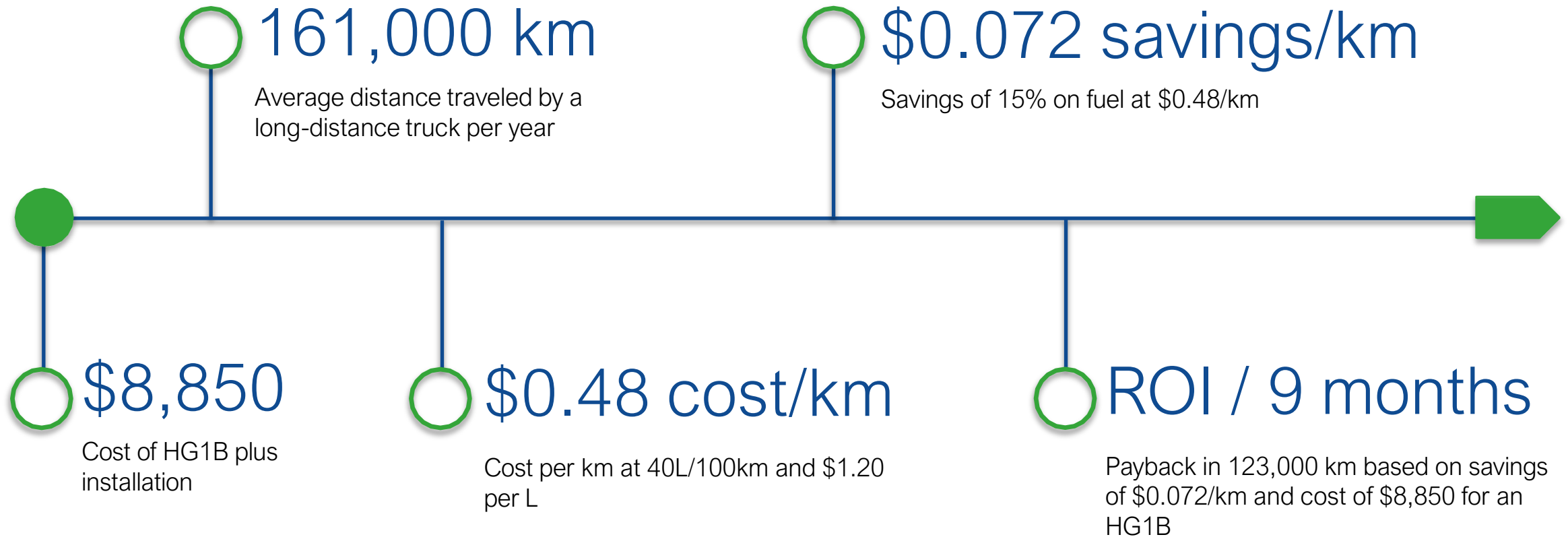


# Diesel Continues to be a Growth Industry

- ICE is still the economical means of commercial transport:
  - Consumer & industrial goods and food
  - Trucking locally, door to door, and globally via shipping & locomotives
  - Across provinces, states and continents
- Electric vehicles are not yet well-established in DYA's target markets
  - Very high capital cost, usage costs & servicing costs
  - Long battery charging time means downtime to truckers
  - Battery weight greatly reduces payload & economics
  - Unreliable in hostile weather environments
  - Electrical power is unreliable in numerous remote jurisdictions



# 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
- Not only is this convincing for all end-users, such as truck fleets, but it can be audited and does not rely on prior independent third-party validation
- HydraLytica™ proves to users the value proposition of DYA products





# High Barriers to Entry

- Separation method of H<sub>2</sub> and O<sub>2</sub> is a unique development
- \$60 million and 16 years to develop the HydraGEN™ Technology
- Worldwide patented technology
  - Unique electrolysis reactor
  - Unique processes
  - Unique ECU (Electronic Control Unit)
  - Unique encrypted data management
- Certification in global jurisdictions = significant time advantage
- Global marketing strategy across multiple verticals
- First-to-market advantage



# Global Business Model

\$60,000,000 of R&D and other expenditures over 16 years

Major Cap-Ex already expended

DYA sells assembled product

Product assembled by DYA in Toronto eventually Mexico, Germany, India

DYA's cost of production

50% of wholesale price

DYA profit margin

100%

Fast ROI price per unit (wholesale)

USD \$5,000

Low DYA overhead

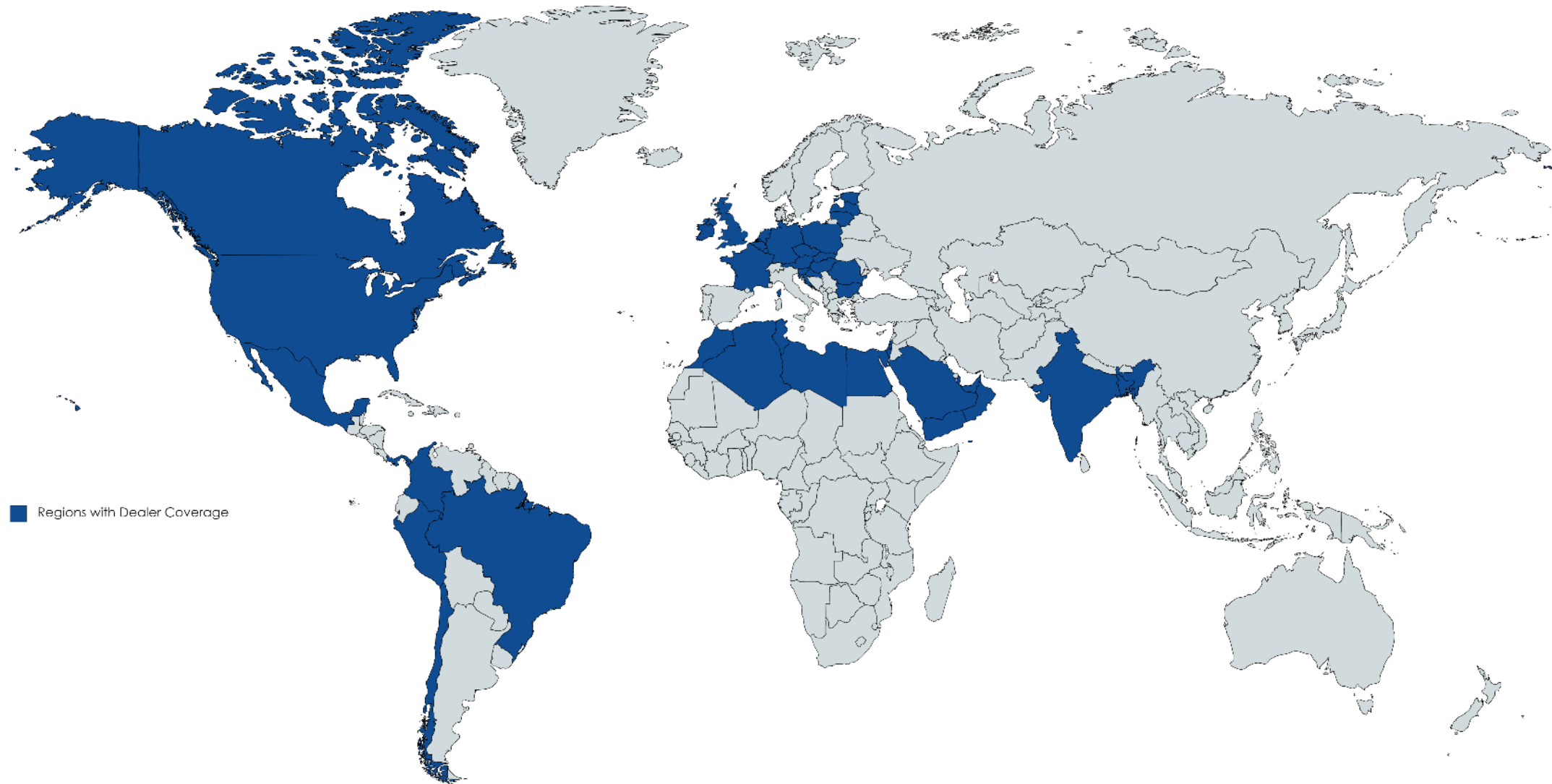
Global dealer network

Ensures local sales & service

# Dealer Network – November 2020



38 Dealers Globally Who Service 43 Countries:



# Dealers Invested in DYA

- Mosolf of Germany:
  - Equity in DYA
  - Installations & 23 showrooms throughout Europe
  - Distribution channels in Germany, France, Netherlands, Belgium, Luxembourg, Poland, Czech Republic
- Farhi Holdings of Canada:
  - Equity in DYA
  - Brazil & Israel
- KarbonKleen of USA:
  - Equity in DYA
  - Financing for Mexico assembly
  - MOU for 1,000,000 units
- H2 Tek of Canada:
  - 43 active mining conversations, 15 trial negotiations, 6 trials
  - Mining Projects in: Canada, USA, Peru, Chile, Brazil, Paraguay, Uruguay, Argentina, Russia, Mongolia, Australia

# Recent Developments

- Mr. Eric Sprott invested > \$14,000,000 in DYA in early 2020
  - >10% of DYA
  - First significant investment in a Clean Tech issuer
- Mosolf becomes significant dealer in Germany, France, Belgium, Poland & Czech Republic
- dynaCERT (DYA) Number 1 Ranked Company Across All Sectors on 2020 TSX Venture 50
  - DYA has realized a 284% increase in share price and 384% increase in market capitalization
- Now listed on the Toronto Stock Exchange



A 2020  
**TSX VENTURE 50™**  
COMPANY

# Capital Structure

Common Shares Outstanding (as of MD&A dated November 13, 2020)	369,907,592
Warrants (at CAD 0.35 – CAD 1.00) (as of MD&A dated November 13, 2020)	30,793,198
Options (at CAD 0.10 – CAD 0.94) (as of MD&A dated November 13, 2020)	29,705,806
Market Cap @ recent price of CAD \$0.50	~ \$ 185 Million
Very liquid stock:	Recent average daily volume ~ 2 Million Shares

# Strong Shareholders

- Management + Insiders:  
~ 25%
- Institutions:  
~ 10%
- Family Offices:  
~ 15%
- Eric Sprott:  
~ 10% + Warrants



# Trailer Skirt Technology Comparable

- 90% of long-haul trucks added skirts
  - (9 years after launch)
  - Skirts save 1% fuel and cost \$3,000
- HydraGEN™ Technology proposes to:
  - Cost the end-user < \$10,000 &
  - Save over 10% fuel
- Our “Better Deal” is
  - 10% for \$10,000
  - or 1% for \$1,000





# Carbon Credits

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

DYA to split benefits 50-50 with truck fleet owners

DYA has submitted an application to VERRA of the USA for Carbon Credit Methodology

Application being led by Environmental-Partners of the UK

DYA owns the HydraLytics™ software & telematics and has retained world experts to establish audit trail of fuel savings & future Carbon Credits

Our telematics developer invented Apple Pay™ and PayPal™

Our HydraGEN™ units are simply the “Razor”

Carbon Credits are the “Razor Blade” recurring revenue model

# 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

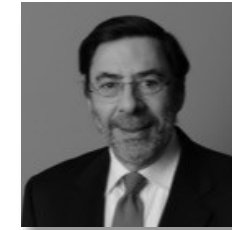


Wayne Hofmann  
Chairman

- 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

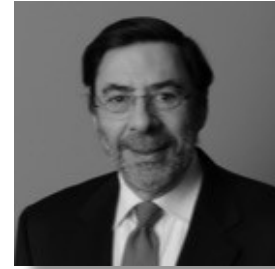
# Board of Directors



Wayne Hofmann  
Chairman



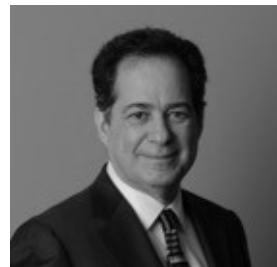
Jim Payne  
President & CEO



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



Robert K. Maier  
COO, Chief Engineer, Industrialist



Elliot Strashin  
Director, Real Estate Developer &  
Environmental Platinum Lead  
Innovator, formerly MD



Richard Lu  
Director, CEO of International  
Solar Panel industry leader



Amir Farahi  
Director, Government  
Relations Consultant



# Why Invest Now?

DYA has established a Global Dealer Network, 25+ so far

Europe, America, South Asia, Middle East

Future Carbon Credits

Application for worldwide implementation

Mosolf strategic dealer in Europe

Europe

KarbonKleen strategic dealer in America

Mexico, Canadian & USA Fleets

In mining, dealer H2 Tek is focusing on open-pit mining

5% of ~ \$1,000,000 fuel cost per truck per year

# Investment Highlights

- Leading provider of Carbon Emission Reduction Technology to reduce greenhouse gas emissions and improve fuel efficiency in internal combustion engines (diesel and gasoline)
  - Proven, proprietary and patented technologies
  - Ability to monitor and monetize carbon credits
- Industry creator/leader protected by high barriers to entry
- Near-term growth potential reflecting late stage trials and certification processes
  - In large target markets, Canada, USA, South America, Europe, South Asia, Middle East
  - Across vertical market segments for trucks, reefer trailers, buses, heavy construction, mining equipment, electrical power generators, marine & locomotive
- Compelling value proposition to end-users
- Attractive business model with strong margins
- Experienced and seasoned management team and board to realize success



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