

#### FORWARD LOOKING STATEMENTS

Sparta's communications often include written or oral statements which contain forward-looking information. Statements other than statements of historical fact contained in this corporate presentation may be forward-looking statements under applicable securities legislation, including, without limitation, management's expectations, intentions and beliefs concerning: the Corporations objectives and priorities for the current fiscal year and beyond, our growth strategies or future actions, and the results of or outlook for our operations and those of our subsidiary business units (as identified on our website at www.spartacapital.com), or for the Canadian economy. Many of these statements can be identified by looking for words such as "believe", "expects", "will", "intends", "projects", "anticipates", "estimates", "continues" or similar words or the negative thereof. In particular, this presentation contains forward looking statements regarding the anticipated financial and operating performance of the subsidiary business units; the revenues to be received by Sparta (in aggregate and on a per share basis); Sparta's run rate revenue; expected growth in Sparta's revenue, normalized EBITDA and net cash from operating activities and CAGR; Sparta' access to future capital; changes to the distributions to Sparta from subsidiary business units; Payout Ratio; Sparta's ability to attract new private businesses to invest in; expected operating expenses; structure of any relief measures or concessions provided to any subsidiary business units; collection of any deferred and/or accrued distributions; potential repurchases of interests of any kind in the subsidiary business units; and the accretive impact on our Canadian ventures. To the extent any forward-looking statements herein constitute a financial outlook, including, without limitation, the estimated annualized revenues, net cash from operating activities, normalized EBITDA and net debt available, they were approved by management as of the date hereof and have been included to assist readers in understanding management's current expectations regarding Sparta's financial performance and are subject to the same risks and assumptions disclosed herein. There can be no assurance that the plans, intentions or expectations upon which these forward looking statements are based will occur. Statements containing forward-looking information by their nature involve numerous assumptions and significant known and unknown facts and uncertainties of both a general and a specific nature. Key assumptions include, but are not limited to assumptions that: the subsidiary business units will continue to grow and may require additional capital from Sparta in the future; the Canadian economy will grow moderately over the next 12 to 24 months; interest rates will not rise in a material nature over the next 12 to 24 months; more private companies will require access to alternative sources of capital; subsidiary business units will continue to make distributions, if any, as expected; there will be no material changes in the businesses of Sparta's subsidiary business units or the industries in which they operate over the next 12 months; Sparta will achieve the anticipated benefits of any concessions or relief measures provided to any subsidiary business units; certain subsidiary business units not currently paying Sparta, if any, will restart distributions in part or in full; and the Corporation will obtain required regulatory approvals on a timely basis. In determining the Corporation's expectations for economic growth, management primarily considers historical economic data provided by the Canadian government and its agencies. The forward-looking statements contained herein are subject to numerous known and unknown risks that may cause actual results to vary from those set forth in the forward-looking statements, including, but not limited to risks associated with: general economic conditions and changes in the financial markets; risks associated with the subsidiary business units and their respective businesses, including, without limitation, a change in the ability of the subsidiary business units to continue to pay Sparta's preferred distributions, if applicable; a material change in the operations of a subsidiary business unit or the industries in which they operate; failure to realize the benefit of any concessions or relief measures provided to any of the subsidiary business units; failure to obtain required regulatory approvals on a timely basis or at all; changes in legislation and regulations and interpretations thereof; a failure to meet Sparta's guidance regarding revenues; a material change in Sparta's capital structure or capital available to Sparta; material adjustments to the unaudited internal financial reports provided to Sparta by the subsidiary business units; and a failure to realize the anticipated benefits of new subsidiary business unit contributions. In addition, the information set forth under the heading "Risk Factors" in any of the Corporation's Management Discussion and Analysis (which can be found on SEDAR at www.sedar.com) identifies additional factors that could affect the operating results and performance of the Corporation and may cause the actual results of the Corporation to differ materially from those anticipated in forward-looking statements. As forward-looking statements are subject to risks, uncertainties and assumptions and should not be read as guarantees or assurances of future performance. Accordingly, readers are cautioned not to place undue reliance on any forward-looking information contained in this corporate presentation as a number of factors could cause actual future results, conditions, actions or events to differ materially from the targets, expectations, estimates or intentions expressed in the forward-looking statements. Statements containing forward-looking information reflect management's current beliefs and assumptions based on information in its possession on the date of this corporate presentation. Although management believes that the assumptions reflected in the forward-looking statements contained herein are reasonable, there can be no assurance that such expectations will prove to be correct. The forward-looking statements contained herein are expressly qualified in their entirety by this cautionary statement. The forward-looking statements included in this corporate presentation are made as of the date of this presentation (June 15, 2018) and Sparta does not undertake or assume any obligation to update or revise such statements to reflect new events or circumstances except as expressly required by applicable securities legislation.





### PROBLEM or OPPORTUNITY?



Where leading scientists have stressed "Climate Change is Real"



Where highly durable materials, such as plastics, have proven to be valuable to the safety our society. Yet without appropriate waste transformation they are clogging our lakes, rivers, oceans and landfill sites

For too long, environmentally forward initiatives were seen as expenditures. Sparta Group has proven the contrary.

fuels

Sparta Group is in the right position to address these problems and has proven the opportunity can be financially viable





Where people have a massive

served by centralized generation

and primarily powered by fossil

largely

appetite for energy;



Where the World's youth have embraced the scientific opinion and are forcing paradigm shifts but need help implementing



#### THE WORLD IS CHANGING

Today, 1.8 Billion people on the planet are between the ages of 15 - 30. Many want to work to transform the World.

- We can teach our youth how new environmental technologies, including the shift to decentralized power generation, are rapidly disrupting traditional businesses
- We can help empower our youth to commercialize bold, innovative environmental solutions
- We can show today's youth, and the world-at-large, that even in light of the COVID- 19 pandemic, being environmentally responsible need not cost the consumer more

Those who wait for governments to solve the environment and energy problems will be left behind.





#### WHO IS SPARTA?

Sparta Group (TSX.V:SAY) is a Toronto based, publicly listed company that believes the benefits of going green are best achieved through proper application of technology.

Sparta generates income by applying innovative decentralized technologies to transform customers' existing waste streams into new products or new forms of energy.

Sparta has proven its concepts by quietly developing three successful business units, transforming societal waste into profits.

Sparta has successfully tested an organized promotion campaign explaining waste conversion.

Sparta now plans to use its experiences to make the market aware of its accomplishments plus the portfolio of potential Clean Energy opportunities on the horizon.





### **MISSION**

Work with our clients to help better understand the benefits of going green;

to realize that increased profitability is best achieved

through proper application of technology and

NOT

through application for government subsidies.





Do everything possible to provide technical solutions

that will bring greater normalcy to the post COVID-19 world



### **WHY SPARTA?**

 We have the skills and knowledge to educate customers about opportunities to create a sustainable future, without falling into the Environmental Activism trap

Massive demand and costly energy usage
 vast opportunities

 We have new technologies available to disrupt traditional ways, independent from government grants/ventures

Our focus is - To make saving the planet financially viable

 AND NOW...COVID-19 has introduced new opportunities where Sparta's technical skills have been applied to help bring normalcy to a post COVID-19 World





# SPARTA – A GROWING ARMY with a SINGLE FOCUS



# our Diversity provides both Synergies & Security



#### **CORPORATE OVERVIEW**

Sparta Group operates a decentralized business model with each of its active businesses operating as a separate subsidiary but emphasizing the Sparta banner.

- Each division remains accountable for day-to-day operations and its own performance and results
- Sparta provides brand recognition, insight and high level strategic guidance, as well as monitoring of financial and business performance

Presently, the Sparta Group is divided into three operational business segments:

- Sparta Materials Upcycling (a.k.a. ReECO Tech)
- Sparta Energy Capture & Upcycling (a.k.a. Illumineris)
- **Sparta Innovation** (a.k.a. SuperNova)



### **OUR STRATEGY**

- In the 16<sup>th</sup> Century famous alchemists, like Sir Isaac Newton, were on a quest to use chemistry to turn base metals (e.g. lead) into precious metals such as GOLD
- Today, Sparta has performed modern-day alchemy by applying technologies to transform various forms of societal waste into useable products... which in turn = \$\$\$ (while improving the planet)
- i.e. **UPCYCLING**





# **OUR STRATEGY (cont'd)**

Waste materials and inefficient use of energy sources pose a serious threat to our planet as bi-products are dumped into our landfills, waterways and atmosphere, especially in light of the increased consumption of PPE following the Worldwide COVID-19 pandemic.

The strategy has been to derive value and profits by capitalizing on existing waste streams.

- Through capturing, optimizing and upcycling waste, Sparta generates revenue and profit. A big focus is converting customers' existing waste streams into new forms of consumable products.
- Where waste streams are actually lost or wasted energy, technology is applied to increase operational efficiencies, which can be offered to clients as cash-flow-positive solutions, while generating significant profits.

Future technologies and business opportunities;

- Sparta targets markets that will benefit humankind, constantly evaluating a pipeline of breakthrough technologies looking for those that can be efficiently groomed to the commercialization phase.
- Each new opportunity has the potential for individualized forms of equity participation and upside potential.





# The Sparta Capital Ecosystem

Sparta Group's (3) Main Divisions

**Sparta Materials Upcycling** 

ReECO Techiiiii

**Sparta Innovation** 

**Sparta Energy Capture & Upcycle** 







Two Subdivisions of Sparta Innovation

(Transportation)



Sparta Group's innovative approach on business allows for immediate response solutions to unique situations. COVID-19 has introduced new opportunities to compliment existing platforms while maintaining the safety of their clients & consumers



(Healthcare)





#### **DIVISIONS - EXPLAINED**

#### **Sparta Materials Upcycling**



Transforming customers' waste into new useable products through application of conversion technologies.

- Electronic Conversion proprietarily engineered, stateof-the-art, e-Waste processing technologies used to deliver exceptional return to its clients with upcycling methodologies that have provided beneficial environmental results.
- Fiber Conversion processing of waste industrial fibre to produce such consumable products as animal bedding, soil augmentation and energy
- Precious Metal Capture final stage processing of precious, metals, such as gold, silver, platinum and palladium from waste electronics and various forms of catalytic conversion
- Waste Plastic to Fuel Conversion conversion of waste carbon based materials to various forms of fuels

#### **Sparta Energy Capture & Upcycle**



**Projects** 

Capturing lost energy from operational inefficiencies in manufacturing and commercial sector.

- **Safety** photoluminescent safety products: capturing photons vs electrons to power safety systems, minimizing electrical consumption and GHG emissions
- IoT measures and monitors energy use in commercial buildings &/or manufacturing facilities and offers turnkey solutions to reduce energy consumption
- Energy Mitigation delivers energy management and power quality solutions, including harmonic mitigation power factor correction, peak energy shaving, Internet of Things optimization & LED lighting conversion for industrial and commercial customers reducing power losses and corresponding energy costs



# **DIVISIONS – EXPLAINED (cont'd)**

#### **Sparta Innovation**



Developing new technologies to optimize various forms of energy transformation

Opens up opportunities with potential new ventures, such as.

- Extraction and storage of electrical energy using readily available base minerals
- Conversion of raw gases & plastic to electricity
- Engineered renewable solid fuel drop-in through conversion of blended biomass such as, woody -biomass, industrial fiber, discarded coffee cups and/or cannabis waste
- Hydrogen enhanced, exhaust gas re-compression technology
- TruckSuite™ with TreeFrog™ Transportation optimization technology
- Process to provide Personal Protective Equipment (PPE) to help bring normalcy to a post COVID-19 world



A "technology driven", Owner/Operator support program designed to offer the Owner Operator all truck ownership benefits typically only available to large fleets; while providing multiple benefits to carriers and asset protection to lenders.

Electronic controller provides health of vehicle in realtime, but COVID-19 shed new light on the importance our truckers play in keeping society healthy. As a result TruckSuite expanded to include;

- health of driver system (for COVID-19 and many other illnesses) utilizing Achu Health – tracking wearable +
- point of use COVID-19 testing programs for drivers and fleets (both serology and antigen) with SBL Testing
- complete line of antimicrobials with delivery systems for in cab delivery
- in-cab 24/7 COVID-19 pathogen protection delivery system for ongoing driver protection



The demand for Personal Protective Equipment ("PPE"), growing exponentially since the onset of the COVID-19 pandemic. Sparta Health Group was established to apply proper process control engineering principles to help streamline the procurement process. Presently, the company;

- is a registered Health Canada approved supplier
- has its medical device license for import and distribution of medical devises
- has strategic alliances with international suppliers and purchasers
- has assembled technical joint venture programs to deliver workplace monitoring, analysis and testing (both serology and antigen)
- is in final stage negotiations to deliver in office, 24/7 COVID-19 protection technology for commercial and industrial applications



### **SPARTA - MATERIALS UPCYCLING**



We first secure the waste streams, then use ingenuity to transform them into new profitable products that minimize environmental impact. Examples include;

- a) Presently >150 tons/day of unsortable waste plastic under Sparta management
  - Conversion technology in place to transform all to synthetic fuel netting \$0.10 \$0.15/litre (\$70 \$100/ton) and diverting 108,000 tonnes of CO<sub>2</sub> annually
- b) Presently >350 tons/day of industrial fiber waste under Sparta management, resulting in the diversion of >52,000 tons of GHG/year
  - Conversion technology in place to transform ~300 tonnes/week into large animal bedding. Balance converted to soil augmentation and industrial power
- c) Presently >6 million pounds/year of electronic waste upcycled by Sparta, with zero waste diverting >8,000 tonnes of carbon annually
  - Conversion processes in place to satisfy unique upcycling requirements of a number of electronic waste producers. With 5G on the horizon, presently in advanced negotiations with four very significant multinational producers, any one of which will quadruple the company's revenues



# **SPARTA - ENERGY CAPTURE & UPCYCLING**



With over 10 Billion square feet of commercial and industrial real estate in Canada, and with the average cost of energy in the range of \$2 per square foot, Sparta services an annual addressable market of more than \$20 Billion. Examples include;

- a) Many high profile commercial building projects have been completed, reducing energy consumption through lighting and photoluminescent safety systems. (>22,000 tonnes GHG diverted to date).
  - Conversion technology now in place to apply IoT based solutions for HVAC systems in commercial/residential buildings – doubling revenues each year with average G.M. ~32% and average year-over-year reductions of GHG of ~56% (154,000 tonnes by 2023)
- b) Presently, a dozen or more industrial facilities now under contract for power analysis, with dozens in the que.
  - Conversion technology in place to secure orders for applicable solutions resulting in expected annual revenues of \$500K, \$1.25M, \$3.5M with 20% – 25% GM
- c) Due to growing concern about CO<sub>2</sub> emissions, decentralized power systems will become an important aspect of future endeavors;
  - Presently negotiating to supply 10Mw of natural gas powered electrical generation, generating monthly recurring income of \$280K/month – 3 more in pipeline





# SPARTA - INNOVATION



The goal is to develop technologies that can either be monetized through the other divisions (enhancing profitability in the process) or to attract third parties who may not only be interested in investing in the technology, but in Sparta as well. Examples include;

- a) Recently the formation of TruckSuite™ Canada was announced to provide IoT based technology solutions to optimize efficiencies in the transportation sector.
  - Programs are in place to provide Owner-Operators with everything to "Just Drive™", including the benefits provided by the TreeFrog™ tracking and HydraGEN™ systems. Recurring revenue model projected to grow to \$300K/month by 2022.
- b) Recognizing the effects CO<sub>2</sub> emissions have on our planet, combined with understanding the many available sources of alternative energy (plastic, fracked natural gas, landfill, etc), it is inevitable that decentralized power will be an important part of our future.
  - Since the dawn of the internal combustion engine, fuels were blended to meet the specification of engines. Now, we have technology to systematically adjust the dynamics of the engine to match the fuel. Will be looking to raise upwards of \$2M.
- c) In light of the recent COVID-19 pandemic, it became apparent how valuable the trucking industry is to our society and thus how important the drivers' health can be;
  - Complete program developed to keep both driver and truck healthy, providing; antibody tests; easy-to-use viral disinfectant for vehicles; complete tractor monitoring and comprehensive on-line network to track driver health and locations of concern? - \$500K





# **COVID – 19 SUPPLEMENT**



# **SPARTA – INNOVATION - (Transportation)**



A "technology driven", Owner/Operator ("O/O") support program designed to offer the O/O all truck ownership benefits typically only available to large fleets; while providing multiple benefits to carriers and asset protection to lenders.

- Compete suite of unique financial services, designed to improve efficiency for the trucking industry. These include;
  - warranty protection with financing options
  - repair financing without pink slips
  - vehicle return programs with debt cancellation provision
  - critical illness coverage
- Under dash electronic controller provides;
  - health of vehicle including predictive analytics (with 24/7 call-center coverage)
  - health of driver (integration with Achu Health technology)
  - COVID-19 test analysis (integration with SBL Testing Technologies)
  - health of location (integration with Achu Health technology)
- Compete line of in-cab Pathogen Protection, including;
  - 16 hour, antimicrobial hand sanitizer
  - 30 day antimicrobial surface protectant
  - in-situ, 24/7 antimicrobial technology



# **COVID – 19 SUPPLEMENT**



# **SPARTA – INNOVATION - (Healthcare)**



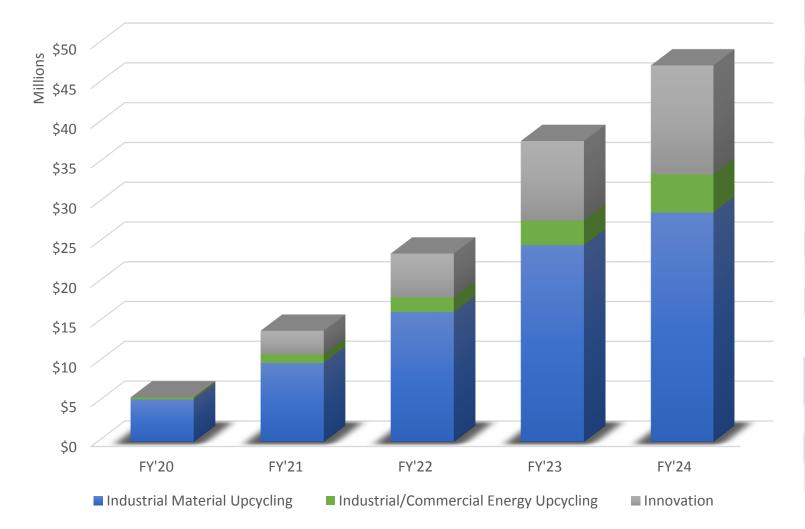
Sparta Health Group was established as a sales-based organization to apply proper process control engineering principles to help streamline the PPE procurement process.

- a) Registered Health Canada Approved Supplier
  - Health Canada ID #160518
  - Medical Device License for import and distribution of medical devises MDEL #14634
  - Car-Go Track<sup>™</sup> comprehensive import performance and deposit protection
- b) Hundreds of million of dollars in pent up demand (both Canadian and International) for Personal Protective Equipment ("PPE") within medical community
  - more than \$200M in Sparta Health Group queue for processing
  - direct relationship with international suppliers for PPE
  - technical development capabilities to streamline ordering process through online access
- c) Established Sales Team to offer products and services for Commercial and Industrial clients
  - strategic partnership with custom manufacturer of protective barriers
  - strategic alliance with Core-19 Sanitizations Services to provide Pathogen Protection Services
  - strategic sales agreement with DH Partners to provide in 24/7 pathogen protection for commercial applications
  - distribution agreement with SBL Testing Technology to provide workplace testing (including COVID-19)
  - expandable to synergistically support other products and services offered with Sparta Group





# **PROFORMA & HISTORIC REVENUE**



#### **Market Statistics (TSX-V: SAY)**

•	•
Share Price (01/06/21)	\$0.4.5
52 Week Low/High	\$0.002 / \$0.075
Market Cap (09/28/20)	9.1M
Shares Outstanding	203M
Annual Revenues:	FY' 16 – \$5.54M
	FY' 17 - \$6.96M
	FY' 18 - \$11.3M
	FY' 19 - \$11.1M
	FY' 20 - \$5.6M**
	FY' 21 - \$13.9M*
	FY' 22 - \$23.6M*
	FY' 23 - \$37.8M*
	FY' 24 - \$47.3M*

#### **Investment Basis**

Return – Market Comparables	5 x EBITDA
Growth – Sales in 5 Years	\$40M
Large Market	\$10B
World Market Growth	3%

Notes - \* Proforma

\*\* Adjustment due to effects of COVID-19 & divestiture of controlling interest of a subsidiary



TSX-V: SAY

# **HISTORIC & PROFORMA GHG DIVERSION & SEQUESTRATION**

**Sparta Materials Upcycling** 



**Sparta Energy Capture & Upcycling** 











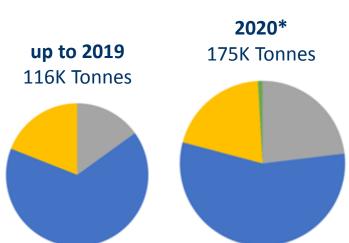


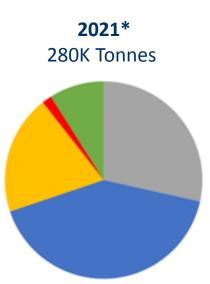
optimizing energy efficiencies

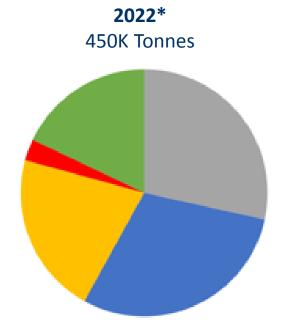
**2023\*** 700K Tonnes

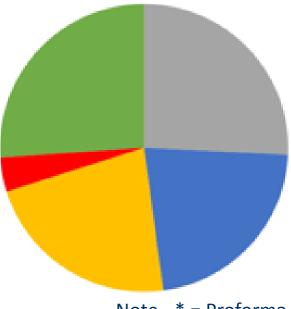












Note - \* = Proforma



TSX-V: SAY

#### **COMMUNICATIONS**

Sparta recently engaged in an organized test communications campaign, designed to see if the market-at-large would;

- Show interest in how energy can be transformed to help the environment while saving \$\$\$
- Show interest in how waste materials can be converted into new products to help the environment while generating income
- Show enough interest in what Sparta is doing relative to the recently released COVID-19 Safety Initiatives

#### The program included:

- Expansion of Social Media campaign with analytics
- Expansion of e-blast campaign to expanded audience with analytics
- Publication of more than 700 Environmental blogs
- Development and production of videos, including "Respecting Your Waste" series
- Engagement of videographer team to produce library of B-Roll footage
- Expansion of marketing/communications team to develop messaging, institute PR strategies, identify publicity opportunities, and engage with media

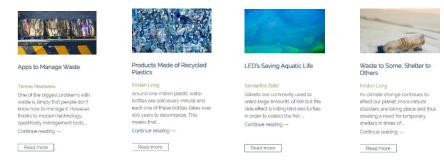


# **COMMUNICATIONS** (cont'd)

- Organized social media campaign;
- Constantly expanding e-blast campaign reaching thousands of subscribers

mailchimn

Publication of more than 700 Environmental blogs



• Development and production of "Respecting Your Waste" video promotion series











# **COMMUNICATIONS** (cont'd)



Global News > RADIO









Professional main-stream marketing team developed significant interest – garnering a total reach of:

7,299,090









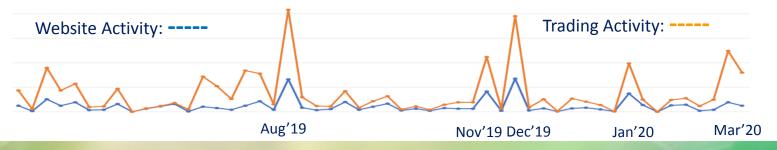




# **COMMUNICATIONS** (cont'd)

Results Total Reach: 7,299,090

Outlet/Station Name	City/Reach Boundary	Prov/Region	Media Type	Reach	Date Aired
CBC - Toronto News	Toronto	ON	Television	810,100	13-Aug-19
ICI CBC - Radio-Canada - Radio International	National	CDN	Radio	2,004,000	13-Aug-19
CBC.ca/news/Canada/Toronto	National	CDN	online	110,000	13-Aug-19
Global News Radio - Radio 770 - CHQR (Danielle Smith show)	Calgary	AB	Radio	206,200	15-Aug-19
Stingray Radio Inc Radio 610 - CHNL News (Jeff Andreas show)	Kamloops	BC	Radio	9,900	15-Aug-19
680 News	Toronto	ON	Radio	1,699,200	9-Nov-19
BNN - (Andrew Bell)	National	CDN	Television	250,000	4-Dec-19
bnn.com	National	CDN	online	657,000	4-Dec-19
Global Morning	National	CDN	Television	506,700	3-Jan-20
Global Morning Website	National	CDN	online	160,000	4-Jan-20
Scarborough Mirror	Toronto	ON	Print	225,990	16-Jan-20
Toronto.com	Toronto	ON	online	590,000	16-Jan-20
TOTAL REACH				7,229,090	





## WHAT'S IN STORE FOR 2021?

On the Business Front, plans are in place to;

- Continue servicing base business so as to maintain existing revenue stream
- Expand TruckSuite's TreeFrog™ program in Canada so as to increase revenues and provide much needed COVID-19 testing and disinfectant programs for both Canada and USA.
- Use the upcoming 5G opportunity to secure as many of the contracts as feasible, from one or more of the four large scale electronic waste producers.
- Expand power analysis/safety/lighting programs to concurrently run more than 25 tests in order to convert the present tests into orders, as soon as the COVID-19 is behind us.
- Continue development of pathogen protection program to include additional delivery systems, such as drones an robots, to support additional market verticals.
- Complete analysis and assembly of formal project to transform 150 tons/day of unsortable waste plastic into synthetic fuel for industrial consumption.
- Secure appropriate partners in order to complete commercialization of raw gas engine project.
- Expand offering to include dedicated Health Canada registered division for supply of PPE.
- Help secure appropriate partners to complete previously announced net-zero housing project.



# WHAT'S IN STORE FOR 2021? (cont'd)

On the Communications Front, plans are in place to;

- Continue building company profile through media outreach at least six media opportunities targeted over next four months
- Continue sharing interesting news opportunities, utilizing key milestones, company tours, and CEO profiling
- Seek speaking opportunities to increase company and CEO/executive profile
- Develop more engaging content to share our vision and achievements, including short videos, b-roll and social content



### **BENEFITS TO SHAREHOLDERS**

- Sparta has relatively low SG&A expenses, which is key to the scalability of the model
- Sparta focuses primarily on a top-line performance paid in priority
   royalty, dividend, coupon, or other stable distribution with versatile implementation
- Sparta is diversified with different branded divisions
- Each division functions with minimal deployment of capital
- Sparta will always hunt for new technologies that turn waste into profit (while improving the environment for future generations)





### **CORPORATE INFORMATION**

#### **DIRECTORS AND OFFICERS**

Peter Quattrociocchi P.Eng Chairman & Chief Executive Officer

John O'Bireck
President & Chief Technology Officer

Shawn Leon *Director* 

Martin Marshall *Director* 

Alyn Patterson CPA CA Chief Financial Officer

Robert Carleton JD Executive Vice President, General Counsel and Corporate Secretary Corporate Offices

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