



Warriors for
Environmental Change...

through

Technological
Transformation of Energy.



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 Corporation's 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's 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?

We live in a world:

- Where weather extremes have become the norm
- Where highly durable materials, such as plastics, have recently proven to be very valuable to the safety of our society. Yet without appropriate waste transformation they are clogging our lakes, rivers, oceans and landfill sites (i.e. not a plastic problem, but a *plastic disposal* problem)
- Where people have a massive appetite for energy; largely served by centralized generation and primarily powered by fossil fuels
- Where leading scientists have stressed “Climate Change is Real”
- Where the World’s youth have embraced the scientific opinion and are forcing paradigm shifts but need help implementing

The potential \$ opportunity to address such problems is huge!



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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 developed 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 experience to let the investment community know about its accomplishments **plus** the **Clean Energy** opportunities on the horizon.



MISSION

Work with our youth and 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.

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WHY SPARTA?

- We have the skills and knowledge to educate youth and 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 - **Save the planet, while making money**



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SPARTA – A GROWING ARMY with a SINGLE FOCUS



our Diversity provides both Synergies & Security



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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

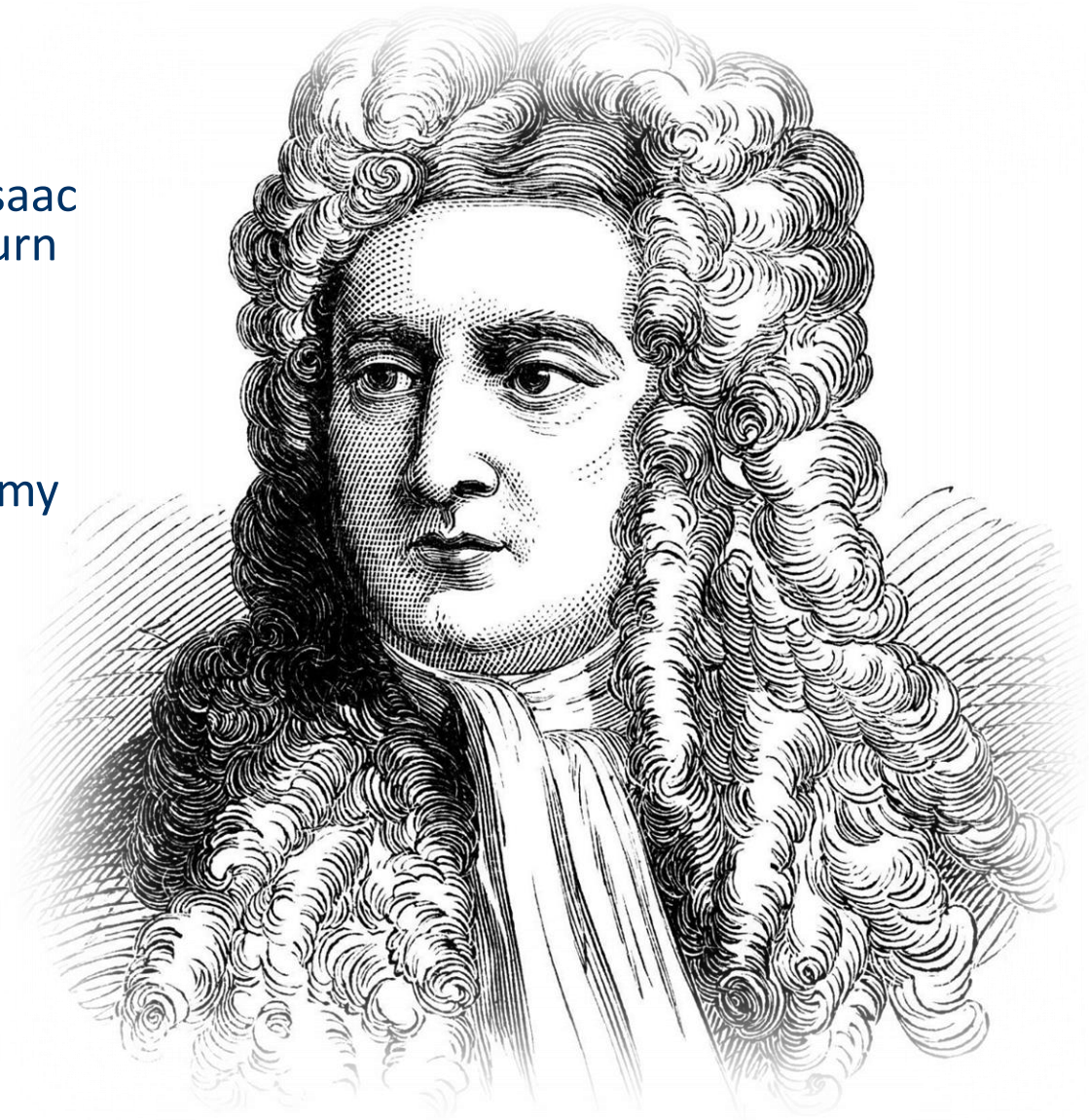
Presently, the Sparta Group is divided into three operational business segments:

- **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 16th 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**



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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.



DIVISIONS - EXPLAINED

Sparta Materials Upcycling



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

- **Electronic Conversion** – proprietarily engineered, state-of-the-art eWaste 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
- **Soil Conversion** – processing captured table 1 soil, through fibre-optic installation, into unshrinkable fill for the excavation industry

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

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



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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 CO₂ 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 CO₂ 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

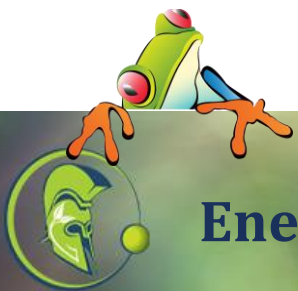




SPARTA - INNOVATION

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 CO₂ 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



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HISTORIC & PROFORMA GHG DIVERSION & SEQUESTRATION

Sparta Materials Upcycling

Sparta Energy Capture & Upcycling

Sparta Innovation



converting existing waste streams into new consumable forms



capturing lost energy



optimizing energy efficiencies

GHG Diversion &/or Sequestration

up to 2019
116K Tonnes



2020*
175K Tonnes



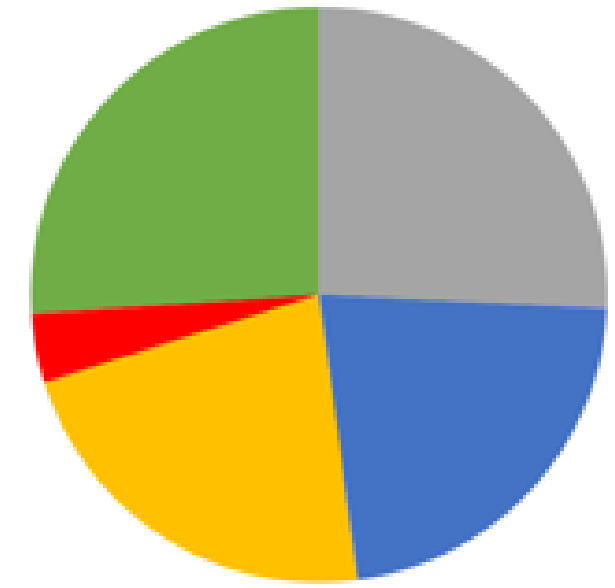
2021*
280K Tonnes



2022*
450K Tonnes



2023*
700K Tonnes



Note - * = Proforma



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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
- Publication of more than 700 Environmental blogs



Apps to Manage Waste

Teresa Maddaleno

One of the biggest problems with waste is simply that people don't know how to manage it. However, thanks to modern technology, specifically management tools, ...

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[Read more](#)



Products Made of Recycled Plastics

Kirsten Long

Around one million plastic water bottles are sold every minute and each one of these bottles takes over 400 years to decompose. This means that ...

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LED's Saving Aquatic Life

Samantha Zeitz

Gillnets are commonly used to snare large amounts of fish but the side effect is killing bird and turtles in order to collect the fish ...

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[Read more](#)



Waste to Some, Shelter to Others

Kirsten Long

As climate change continues to affect our planet, more natural disasters are taking place and thus creating a need for temporary shelters in times of ...

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- Development and production of ***“Respecting Your Waste”*** video promotion series



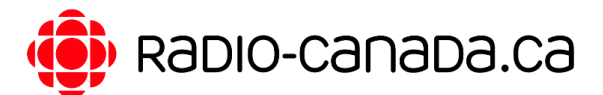
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COMMUNICATIONS (cont'd)

Professional main-stream marketing team
developed significant interest – garnering a total
reach of:
7,299,090



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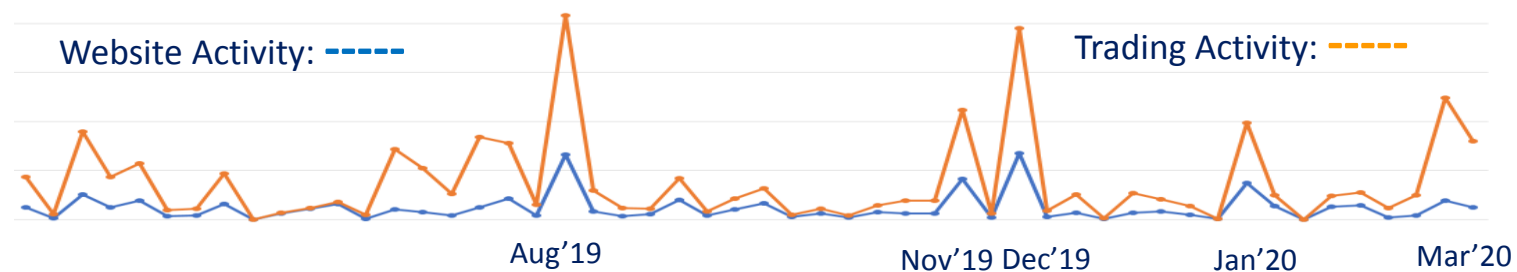


COMMUNICATIONS (cont'd)

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	



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WHAT'S IN STORE FOR 2020?

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 and 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 2020? (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*

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www.spartagroup.ca
Working together to build a more Sustainable Future