



April 8, 2019

Update from the President's Desk ...



Recently, we announced the formation of a Technical Advisory Board and the appointment of Mr. Stephen Lobb, BA as the inaugural member.

This is a VERY important *next step* for Sparta as we look to shape the company into a pre-eminent force in the Canadian Environmental Technology and Renewable Energy space.

Over the last couple of years, Sparta has proven that it has a qualified team in place that knows how to generate revenue streams and thus build business. As a result, we've started to attract the attention of other highly qualified professionals in the environmental space who are looking to combine their experience with our efforts to transform waste materials into new consumables, such as fuels. For example, Mr. Lobb not only brings experience and funding channels, he also brings connections to new complementary technologies.

Sparta's joint venture agreement with Pi.ECO Canada to convert unsortable waste plastic into synthetic fuel, continues to progress but will require time to get up to full industrial production. Once fully operational, we can analyze processes in the hopes of gaining enough insight to scale the application for additional sites, including how best to address the daunting ocean-plastic issue.

Meanwhile, we are excited about other Canadian technologies we are examining. Not only are we working with others to engineer additional ways to convert waste plastic to new consumables, we are looking to combine technologies to develop a fuel that will actually be used to power our fleet of highway tractors. This *decentralized* model will be analyzed and tested in the coming months in order to prove how single-use plastic can be used as a viable fuel delivery system; supplementing fleets and/or generating power from such things as plastic utensils and packaging.

As well, we are working with Canadian technology suppliers to develop renewable-energy fuels based on the conversion of various forms of biomass. Like with fossil fuels, all sources of renewables have their unique technical characteristics, such as BTU content, rate of release, moisture content and ash. Sparta already has an abundance of biomass sources with which we are experimenting to produce optimal blends. Useful biomass includes such sources as waste lumber, industrial fibre, cannabis fibre, paper coffee cups and virtually all other plant life that converts the sun's natural energy to carbon and oxygen. Fuels produced from these sources can be used for heating, electricity and steam production.

Over the coming months we look forward to sharing our progress and keeping you updated on the strengthening of our team.

We thank you for your support and remind you that our door is open so don't hesitate to reach out to learn more.

Sincerely,

John O'Bireck - President & CTO
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