

Enertopia Corporation

An Emerging Lithium Opportunity

Low CAPEX technology to production

October, 2017



DISCLAIMER

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ENERTOPIA presents a unique investment Opportunity

- Currently control 100% of approximately 160 Acres of placer and lode claims in Esmeralda County, NV
- We possess Lithium Technology (ENERLET) Licensing Rights



ENERTOPIA Lithium Extraction Technology (ENERLET) provided by Genesis Water Technologies (GWT)

- Enertopia Corp has entered into a Definitive Commercialization Licensing Agreement with GWT, whereby Enertopia will partner with GWT's technology and development arm to fast track the ENERLET technology.
- GWT is a USA based manufacturer of advanced, innovative and sustainable treatment solutions for applications in process water, drinking water, water reuse and waste water for the energy, agriculture processing, industrial, municipal infrastructure, and building/hotels sectors.
- GWT will provide management and technical expertise and access to its patent pending ENERLET for exclusive USA, Argentina, Bolivia and Chile for license by Enertopia.
- ENERLET is scalable providing the technology to produce LITHIUM from Enertopia's existing Nevada property as well as enabling us to scale up production by developing Lithium Brine deposits around the world.

April 2017 First Phase Bench Test Results

Test Sample	Li PPM	Li Total Final Recovery	Li ₂ CO ₃ Purity
A	190	72.41%	95.8%
B	423	73.6%	95.8%
C	490	79.62%	96.9%
D	580	75.79%	93.7%
AVG			95.5%

RESULTS of First Phase Bench Testing:

- 1) Showed up to 79.62% of lithium in solution could be recovered.
- 2) Sample C showed that Lithium purity results exceeded the standards for Industrial grade lithium being above 96% purity.

Enertopia's next steps for ENERLET

Enertopia Announces key addition to team Dr. John Thomas Chemical Engineer

Dr. Thomas is a professional engineer, and holds a B.Sc., an M.Sc., and a Ph.D. in chemical engineering from the University of Manchester in the United Kingdom. He also received a diploma in accounting and finance from the U.K. Association of Certified Accountants. He has 43 years of experience in the mining industry, including both base metal and precious metal projects in several countries including Brazil, Canada, Costa Rica, Russia, Venezuela, and Zambia. His experience covers a wide range of activities in the mining industry from process development, management of feasibility studies, engineering and management of construction, and operation of mines.

A complete technical review of the data from the first bench test is being incorporated into the second phase of bench testing.

Expanded second phase bench testing is now underway

Expected outcomes of second phase bench testing:

- Increased Lithium recovery numbers
- Recover of Battery Grade Li_2CO_3 using feedstock from Enertopia's Lithium project

ENERLET vs. Conventional Pond Technology

SUMMARY OF DEAL TERMS

- GWT to provide access to its patent pending (ENERLET) process.
- GWT will work to provide an efficient solution to concentrate and produce battery grade lithium.
- GWT to provide management and technical expertise.
- Initial 7yr licensing agreement with additional 10yr option.

BENEFITS OF TRANSACTION

- Provides Enertopia with licensing rights to use of technology and relicensing rights for future multiple revenue streams.
- Fast-track to early production with access to GWT's technology and management services.
- Capex and Opex minimized as no need to build separate LCE plant or extensive, high cost solar evaporation ponds.
- Broader range of brines amenable to production using (LET) is expected.

ENERTOPIA NEVADA PROJECT LOCATION

Nevada	Acreage
Esmerelda, Co	~160 Acres



- Near paved highways and power
- High solubility Lithium source rocks at surface
- 3rd party lab reported up to 75% Li recovery from distilled water and over 95% Li recovery using weak four acid solution.
- Second phase bench testing will be using lithium source rocks.

Our Goal has been and remains battery grade Li_2CO_3

STEP 1

Technology Partner and Development with GWT



STEP 2

Highly soluble Lithium Feed stock



STEP 3

Produce Battery Grade Li_2CO_3



Presidents Message:

“In 18 months we have gone from the concept of recovering Lithium from brines and soft rock using today’s technologies. Now with the addition of our at surface Lithium project our key milestone for our next phase of development is underway with our ultimate goal of being able to processing battery grade Li_2CO_3 .” Stated President Robert McAllister

MANAGEMENT and CORPORATE SHARE STRUCTURE

Management

OTCQB: ENRT

CSE: TOP

President / CEO Robert McAllister: has served as our president since November 2007 and as a director since April 2008. Mr. McAllister was responsible for Investor and Corporate communications for mining and oil & gas companies in the past. Mr. McAllister has also provided and written business and investment articles from 1996 to 2006 in various North American publications focused on oil & gas and mining companies.

Director Kevin Brown: Mr. Brown brings over 15 years of diversified financial and business management experience in private companies, covering the high-tech, mining, and the health and wellness industries.

Director Kristian Ross: Kristian has extensive experience in management and financing of Canadian junior resource companies for the past 40 years, including from early-stage project exploration and project procurement through feasibility, mine development, and production. Mr. Ross has experience in both base metal and precious metals project development and was previously President and CEO of a public mining company with two underground gold and silver mines in northern Canada.

Share Structure	Aug 31, 2017
Issued & Outstanding	102,298,031
Warrants	39,191,810
Options	7,295,000
Fully Diluted	148,784,841

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