

Enertopia Corporation

December 2022 Technology Presentation



Disclaimer

This presentation includes forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Statements which are not historical facts are forward-looking statements. The Company makes forward-looking public statements concerning its expected future financial position, results of operations, cash flows, financing plans, business strategy, products and services, evaluation of mineral projects, mineral recovery technologies, for participation and/or financing, competitive positions, growth opportunities, plans and objectives of management for future operations, including statements that include words such as "anticipate," "if," "believe," "plan," "estimate," "expect," "intend," "may," "could," "should," "will," and other similar expressions that are forward-looking statements. Such forward-looking statements are estimates reflecting the Company's best judgment based upon current information and involve a number of risks and uncertainties, and there can be no assurance that other factors will not affect the accuracy of such forward-looking statements, foreign exchange and other financial markets; changes of the interest rates on borrowings; hedging activities; changes in commodity prices; changes in the investments and ability to finance; litigation; legislation; environmental, judicial, regulatory, political and competitive developments in areas in which Enertopia Corporation operates. The User should refer to the risk disclosures set out in the periodic reports and other disclosure documents filed by Enertopia Corporation from time to time with regulatory authorities. There is no assurance that the Electric Vehicle market will grow by the currently projected numbers or that Li-ion batteries will be the storage platform of choice. There is no assurance that the Company will be successful mineral recovery or clean energy technologies will be economical, and if they are economical will have any positive impact on the Company.

The Enertopia Family of Non Provisional Patent Applications

Glossary of terms:

Photo Voltaic (PV)

Photo Voltaic Thermal (PVT)

Non Provisional Patent Application (NPPA)

- **NPPA #1 ENERTOPIA HEAT EXTRACTOR**
- **Non-Provisional Patent Application filed May 23-2022**
- Applications where process heat needs to be generated, can be installed behind PV panels or in glazed stand-alone PVT panels for process heat
- **NPPA #2 ENERTOPIA SOLAR BOOSTER**
- **Non-Provisional Patent Application filed May 23-2022**
- Locations around the World where heat stress needs to be reduced on PV systems to increase system performance and longevity, increasing value of Carbon Credits
- **NPPA #3 ENERTOPIA RAINMAKER**
- **Non-Provisional Patent Application filed Aug 15-2022**
- Our analysis shows that depending on time and place during the year key locations in the world are potentially capable of producing 2.45 gallons to over 4 gallons of water per hour per 80" x 40" PV panel during peak atmospheric conditions.

The Enertopia Family of Non Provisional Patent Applications continued!

Glossary of terms:

Photo Voltaic (PV)

Photo Voltaic Thermal (PVT)

Non Provisional Patent Application (NPPA)

- **NPPA #4 ENERGY MANAGEMENT SYSTEM**
- **Non-Provisional Patent filed November 2-2022**
- System can Capture and Track current, voltage, temperature , pressure, or flow data from any AC or DC system and we are calling it CapNTrack

ENERTOPIA HEAT EXTRACTOR

Heat Extractor Technology can be used behind the PV panels or in a glazed format on their own to create liquid temperatures in excess of 200 degrees F.

Collecting excess solar energy for process water heating



Enertopia's revolutionary Green Technology involves retrofitting the backside of a solar panel with heat-dissipative devices made of recyclable flexible elastomer and other materials.

The recyclable flexible elastomer device acts as a membrane underneath the solar panels, creating a closed loop where a cooling medium is piped through the membrane to storage tanks and removes the excess heat and returns cool water back to the panels.

ENERTOPIA HEAT EXTRACTOR

Beta Testing has been ongoing for residential applications for cooling PV roof top panels and using the waste heat for heating swimming pools.

Monitoring sensors have been installed so the company can confirm the increased PV output and increase water temperature from the loose coupled mega mat system reported by the home owner.

Collecting excess solar energy for process water heating



The Enertopia Glazed HEAT EXTRACTOR can capture heat independently from the solar panels, greatly enhancing the amount of energy available for process applications like mining, agriculture, industry. Below residential application for cooling PV panels and heating swimming pool using unglazed Heat Extractor.

ENERTOPIA SOLAR BOOSTER

Key advantages using Enertopia Solar Booster:

Reduced heat stress on PV panels allowing for increased PV output and increased longevity.

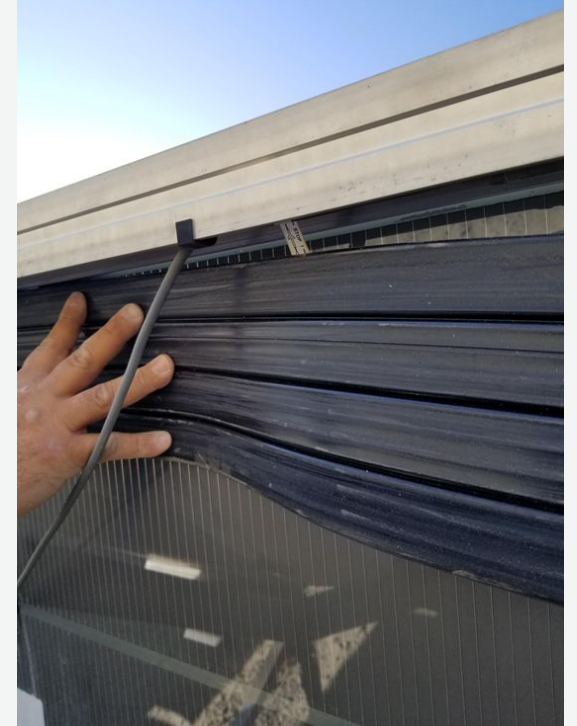
Monitoring equipment has been installed on the MW array for baseline data before the installation of the Solar Booster.

Objective validate increased PV output and longevity and

Quantify increased value of Carbon Credits for future sale

Cooling PV panels for increasing PV output and life extension

The Enertopia Solar Booster captures heat from the solar panels, increasing PV output enhancing production and increasing the lifetime of the PV panels.



In order to couple the panel to the recyclable flexible elastomer device and not shock the panel or break the glass, Enertopia has developed a breakthrough technology that acts like a thermal check valve allowing heat to go one way on the back of the panel

ENERTOPIA RAINMAKER

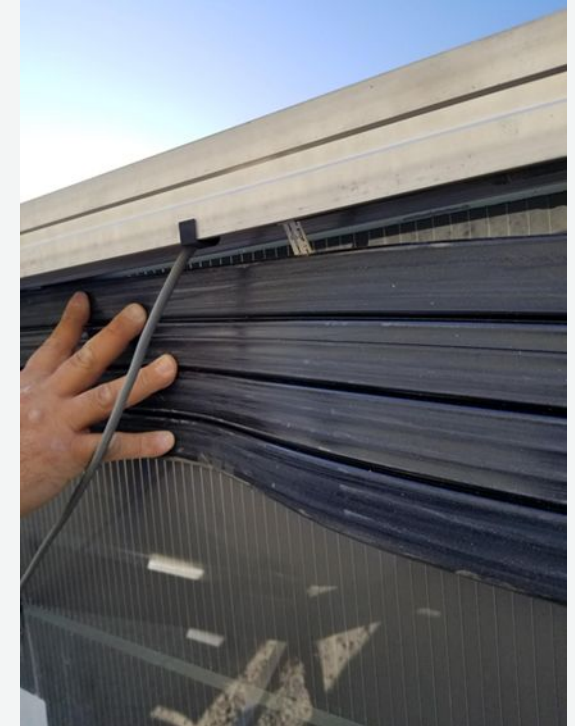
By cooling the backside of the PV panels below the dew point we can literally make it rain as the atmospheric moisture condenses on the back side of the panel and drips as rain into the tray collecting the water.

Our analysis shows that depending on time and place during the year key locations in the world are capable of producing 2.45 gallons to over 4 gallons of water per hour per 80" x 40" PV panel during peak atmospheric conditions.

Non Provisional Patent filed August 15-2022

Capturing Atmospheric Moisture

The Enertopia Rainmaker can cool the PV panels down and capture atmospheric moisture and capture it as water.



In order to couple the panel to the recyclable flexible elastomer device and not shock the panel or break the glass, Enertopia has developed a breakthrough technology that acts like a thermal check valve allowing heat to go one way, away from the back of the panel

ENERTOPIA RAINMAKER

Case Study #1

Lithium claystone mining Tonopah, NV
area.

30 MW PV array could potentially
produce up to 163,980 gallons of water
per hour at night under peak operating
conditions.

Collecting excess solar energy for making water at night

The Enertopia PP #3 could Collect more PV during the day and make water at night. How much water you ask at night? Good question based on a one MW PV array 5,466 gallons of water per hour when the system is operating at maximum atmospheric efficiency assuming PV panel size of 80" x 40".



Looking west across the Enertopia
West Tonopah Lithium project.
DH22-01 beside exposed claystone
trench



ENERTOPIA CapNtrack

Enertopia acquired 51% of this Nevada private Co.

Key points:

CapNtrack is a Battery Management System (BMS) with the following capabilities:

- Monitor current, voltage, wattage
- Monitor Temp, Humidity
- Monitor any 3rd party sensor
- Monitor of Monitors

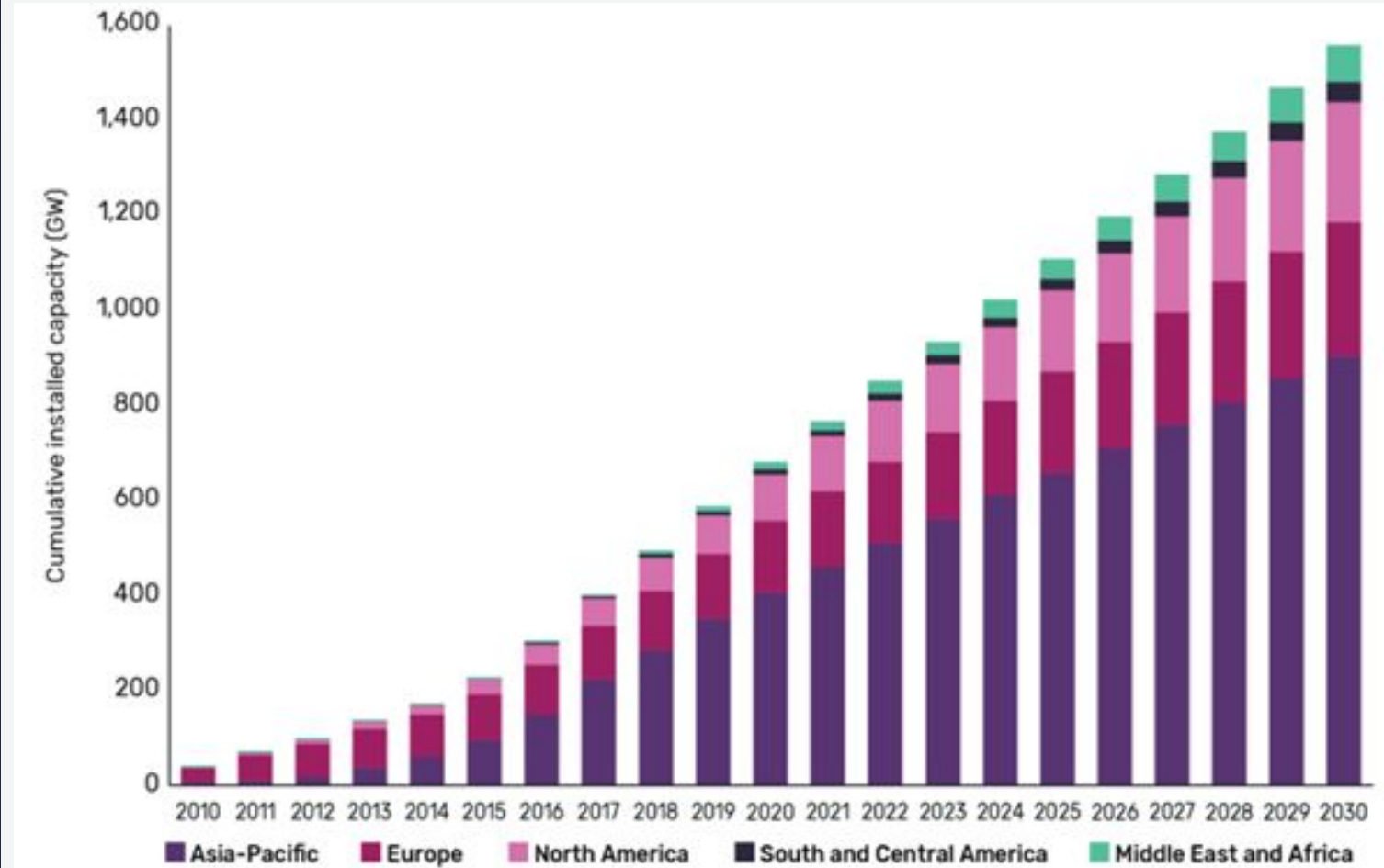
Mining Data to make real-time money saving decisions



The Enertopia CapNtrack system is being tested and used in off grid systems.

World estimated Cumulative Installed Solar PV 2010 - 2030

What would a 1% retro fit
do for World PV
production and value
creation from Carbon
Credits!



Source: Researchgate.net

Clean Energy Consultants

Mark Snyder: Solar expert, professional inventor, forensic electrical expert, master electrician, pv thermal expert, battery expert, inverter expert , biogas waste to energy, recycling expert, and organic farming expert 42yrs in the fields of solar PV, Thermal, heat recovery, water pumping, sustainable agriculture and water management.

Al Rich: Inventor of the original megamat and inventor on provisional patent application number 1. Al has over 35 yrs. in the solar thermal industry using solar heat recovery technology.

Barry Brooks: Mechanical Engineer, inventor on provisional patent application number 2. Barry has over 50 years of engineering experience has developed dozens of energy efficient products & ventilation methods for commercial applications.

Paul Sandler: Monitoring System inventor. Starting with solar monitoring and branching into monitoring of batteries, temperature, water and gas flows, until finally developing a monitor that can accept any AC, DC or pulse signals to create an integrated monitor of entire environments. Complex environments often require a monitor for each technology. CapNtrack will integrate all data into a single monitor interface for remote monitoring and control.

MANAGEMENT

President, CEO and Director: Robert McAllister

Mr. McAllister has served as President of Enertopia since November 2007 and as a Director since April 2008. Mr. McAllister was responsible for Investor Relations and Corporate Communications for publicly traded mining and oil & gas listed companies. 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.

CFO: Allan Spissinger

Mr. Spissinger worked within the Informational Technologies (IT) sector for over a decade; specializing in corporate IT infrastructure and software development projects. Mr. Spissinger joined the audit and assurance department at PricewaterhouseCoopers (PwC) where he obtained his Chartered Professional Accountant (CPA) designation focusing on financial reporting and Sarbanes-Oxley (SOX) compliance in the following sectors: resources, manufacturing and technologies. Mr. Spissinger's positive mentorship, excellent communication and extensive leadership skills have enabled him to successfully manage a variety of private and public businesses for over 20 years.

Board of Directors

Director: Kevin Brown

Mr. Brown brings over 18 years of diversified financial and business management experience in private companies, covering the high-tech, mining, and the health and wellness industries.

Director: Robert McAllister

Mr. McAllister has served as President of Enertopia since November 2007 and as a Director since April 2008. Mr. McAllister was responsible for Investor Relations and Corporate Communications for publicly traded mining and oil & gas listed companies.

Director: John Nelson

Mr. Nelson has over 38 years of resource industry experience in geology and geophysics. He served as an exploration geologist and project manager in numerous worldwide frontier areas for Mobil Oil Corp before moving to Canada in 1993. Mr Nelson has been a founder, Director and senior officer of a number of private and public companies related to oil and gas and mineral exploration. He holds B.Sc. and M.Sc. Degree's in geology from Michigan State University and is a member of AAPG former APEGGA member.

President's Message

“We are happy to have been able to file four pending patents this year. We believe this will unlock a new era of circular clean energy and water production for mining, industry, agriculture, and personnel use in many parts of the world. ”

Stated President Robert McAllister
December, 2022

CONTACT INFORMATION

President & CEO Robert McAllister
Phone: 250-870-2219
Email: mcallister@enertopia.com

Head Office Address:
1873 Spall Road # 18
Kelowna, BC
V1Y 4R2

Share structure

Share Structure	December 2022
Issued and Outstanding	155,116,088
Warrants	4,973,369
Options	9,100,000
Fully Diluted	169,189,457

OTCQB: ENRT