

## Investor Corporate Summary October 2023



## INTRODUCTION

#### One World Lithium Inc. (OWL) Vision

To develop and implement the lowest cost / highest yield separation of lithium carbonation technology in the lithium industry.

This technology's potential benefits include:

- separation at room temperature without requiring pressure,
- separation in a continuous flow, and
- a nominal carbon footprint.

Jack Lifton, an advisor to OWL, noted: "The OWL technology has the potential to change the lithium extraction industry and could possibly be funded from either lithium carbonate consumers or traditional private equity funds."





### **ABOUT US**

#### OWL's mission is focused on completing three projects

OWL's first mission is to continue its research and development programs for its lithium carbonation technology by initially building a pilot plant that can be truck- mounted and driven to a lithium-in-brine resource or deposit;

OWL's second mission, is to build commercial operating plants;

OWL's third mission is to earn a majority interest in either companies that own uneconomic properties or their properties that are uneconomic lithium resources that may become profitable by licensing OWL's lithium carbonation technology.





### DIRECTORS, CONSULTANTS & MANAGEMENT

Doug Fulcher, CEO, President and Director

Doug has over 40 years of experience in mining & exploration project management. He was CEO of Abacus Mining and Exploration Corp.

John N. Hamilton, CFO, Corporate Secretary and Director

John is a non-practicing Chartered Accountant. He has been CFO of OWL for seven years. Previously he has been President or an Officer of private and public companies that were listed on the CSE, TSX, TSE, OTC or NASDAQ stock exchanges.

#### Kevin Milledge, Director

Kevin has over 40 years of experience in mineral exploration and development in North, Central and South America.

Jack Lifton, Physical and Chemical Engineer

Jack is a Physical and Chemical Engineer. He is the co-founder of the Strategic Metals Institute. Jack is an advisor to OWL and is navigating OWL through equity financing and marketing to consumers of Lithium Carbonate.



#### Tim Brock, Consultant

Tim has a degree in Economics from the University of British Columbia. Tim's expertise includes start-up companies both public and private in Canada and the United States, with particular focus on corporate structure, finance, sponsorship, and shareholder relations. He was an advisor and a consultant for several companies whose shares traded between \$ 7 and \$ 27 CAD.

#### Mike Rosko, Geologist and Hydrologist

Mike has a Master's degree in geology and is a Registered Hydrologist. He has participated as either the Operator or contributing developer of pre and bankable feasibility studies on several projects including Galaxy's Sal de Vida Deposit, Millennial Lithium's Pasto Grandes Deposit, and Lithium America Corp's Cauchari-Olaroz Deposit. Mike is consulting with OWL to review the merits of lithium in brine projects.

Earl Hope, Consultant and Manager of Shareholder Relations

Earl was a registered representative at West Coast Securities, Midland Walwyn, and Canaccord Genuity. Subsequently he became successfully involved in a variety of junior public companies.





### TECHNOLOGY

#### **OWL Signed a Definitive Agreement**

On September 27, 2023, OWL signed an Assignment and License Agreement with MatterGreen LLC (MG) which has assigned OWL two separate patent applications for Lithium Carbonation that is a lithium carbonate extraction technology. The two patent applications are for natural brine and slurries made from pegmatite, clay, volcanic rock, and sediment. Following the assignment OWL will own 100 % of the OWL patent applications and MG will be continuing to develop the technology on behalf of OWL to commercialize OWL's ability to extract lithium carbonate from a commercial plant.

#### Some of the basic terms include:

- A 5% gross royalty payable to MG;

- the gross royalty will then increase to 7% to MG when the United States Patent and Trademark Office (USPTO) issues a patent for at least one of OWL's Patent Applications;

- the issuance to MG of 2,000,000 common shares based on certain performance criteria over a one or two-year period; and

- payment to MG of 5% of the net proceeds from any sale of the OWL Patent Applications unless if the royalty has been increased to 7%.

#### **Sequence of Programs**

MG will complete a continuous flow bench test within five weeks of funding at an estimated cost of \$10,000 USD. This will be a proof of concept, with a demonstration video made available for distribution within the lithium industry and the investment community.

The other deliverables will be a small scale demo unit, followed by a pilot site demo unit which will be used to scale out a commercial cost-effective producing plant.

#### Dr. Jinichiro Nakano, Material Science and Engineering

Dr. Nakano earned a PhD at McMaster University in Hamilton, Ontario. His field of study was Material Science and Engineering. Prior to 2007, Dr. Nakano led various research projects in energy and material processing where he oversaw numerous postdoctoral Fellows. From 2007 to 2022 he was a Principal Senior and Technical Fellow with the US Department of Energy (DOE) at its National Energy Technology Laboratory in Oregon, where he developed novel energy and material technologies that resulted in eight patents. Dr. Nakano has been honored with 12 international recognitions. He is also a Director and Officer of MatterGreen LLC.

## **INVESTORS**

#### **OWL Shares Traded**

The number of OWL shares that were traded on the Canadian Security Exchange and the OTC: QB market from January 01 to September 20, 2023 was 45,500,000 shares. (Source: Stock Watch, September 2023).

#### **Potential Business Model**

To license the lithium carbonation technology to consumers and producers so they can separate lithium carbonate directly from a brine without having to produce a concentrate that then needs to be refined.

OWL's compensation may include:

- Gross production royalties,
- Sale of commercial size mining and separation plants,
- To offer operating contracts to produce lithium carbonate if required in accordance with normal industry terms,
- And to seek lithium resources with the potential to increase production by licensing the lithium carbonation technology where OWL intends to own a majority interest in either the company or, preferably, the property.

# LITHIUM INDUSTRY TRENDS

- There needs to be substantial increase in the Lithium supply chain to meet the demand of electric cars projected to come online starting in 2023.
- The current process for extracting lithium from brines requires large evaporation ponds that are expensive to build and operate as well as environmentally damaging, the process time can be lengthy, and uses up to 500k gallons of water/ton of lithium carbonate. This process suffers from low recovery, requires between 12 months to two years to produce lithium carbonate and requires heating at high elevations. This is causing Lithium Producers to look for new extraction methods.
- Goldman Sachs, on April 27, 2023 reports "Direct lithium extraction ("DLE") can increase lithium recoveries to 70-90% from 40-60% from traditional evaporation ponds and DLE has the potential to significantly impact the lithium industry, with the implementation of on the extraction of lithium from a brine will potentially revolutionize production capacity, timing, and environmental impact with faster permitting."
- The market for batteries is forecast to grow from \$ 12 billion USD in 2021 to 420 billion USD by 2030. (Statistica, September 07 2023, Timothy Owens)

- \$514 billion required across the battery supply chain to meet future demand. (Benchmark Mineral Intelligence June 26, 2023)
- In January 2023, General Motors announced it is making an equity investment of \$650 million USD to continue the development of Lithium Americas's Thacker Pass project.
- 30% of all vehicles sold globally are forecast to be EV in 2030 (April 26, 2023, International Energy Agency IEA)
- On June 05, 2023, the US Department of Energy announced \$192 million for research in recycling lithium batteries.
- Lithium producers warn global supply may not meet EV demand. (Automotive News, June 23, 2023)
- Lithium market to grow to \$90 billion in 2023 with a 22% Compound Annual Growth Rate. (Fortune Business Insights, June 09, 2022)

# WHY LITHIUM IS GREEN

The carbon dioxide is sequestered in many formations underground including coal, oil and gas formations;

The lithium carbonation process also consumes carbon dioxide;

Production of lithium from underground has a nominal carbon footprint; and

The direct lithium separation technologies do not use evaporation ponds that would produce significant carbon dioxide.

# SHARE STRUCTURE SEPTEMBER, 2023

Issued and Outstanding	196,616,651
Loan Warrants (Priced between \$0.15 & \$0.08)	625,000
Private Placement Warrants (Priced between \$0.12 & \$0.08)	92,220,614
Stock Options	<u>12,550,000</u>

Fully Diluted Shares Outstanding

302,012,265

### Lithium carbonate and hydroxide demand forecasts



Source: Staistica March 15, 2021, Author M. Garstkine Marchis





"Surge in Electric Vehicle sales powers lithium prices" Reuters, September 13, 2021. Author, Zandi Shabalala







### **CORPORATE DATA**

OTC:QB Board with symbol OWRDF CSE - Canadian Securities Exchange symbol OWLI

Suite 600- 800 West Pender Street Vancouver, British Columbia V6C 2V6

CUISP number: 682470104 Financial Year End: December 31, Stock Transfer Agent: Computershare in Canada and in the United States

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### DISCLAIMER

Forward-Looking Information: This presentation may include forward-looking information within the meaning of Canadian securities legislation. Forward-looking information is based on certain key expectations and assumptions made by the management of the OWL, including, but not limited to: (I) the closing of the Assignment and timing thereof, (II) the ability of the OWL patent Applications, following the Assignment and further R&D, to change the lithium extraction industry, and (III) OWL's and MG's collective abilities to commercialize the OWL's DLE technology. Although OWL believes that the expectations and assumptions on which such forward looking information is based are reasonable, undue reliance should not be placed on the forward-looking information because OWL can give no assurance that they will prove to be correct. There can be no assurance that such statements will prove to be accurate and actual results and future events could differ materially from the those anticipated in such statements, important factors that could cause actual results to differ materially from the company's expectations include: (I) inability of OWL and MG to close the Assignment (II) the inability of OWL and MG to commercialize the OWL patent applications; and (III) OWL's inability to execute its business plan and raise any required financing, (IV) risks and market fluctuations common to the mining industry and lithium sector in particular, and (V) advancements in other new separation technologies. The ongoing COVID-19 pandemic, labour shortages, inflationary pressures, rising interest rates, the global financial climate and the conflict in Ukraine and surrounding regions are some additional factors that are affecting current economic conditions and increasing economic uncertainty, which may impact the Company's operating performance, financial position, and future prospects. Collectively, the potential impacts of this economic environment pose risks that are currently indescribable and immeasurable. No assurance can be given that any of the events anticipated by the forward-looking statements will occur or, if they do occur, what benefits the Company will obtain from them. The Company does not undertake any obligation to update such forward-looking information whether because of new information, future events or otherwise, except as expressly required by applicable law.