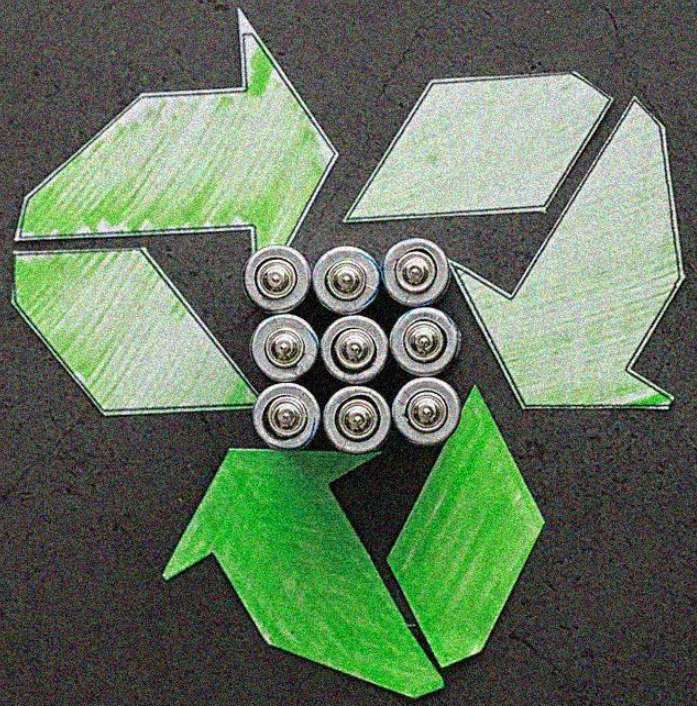
BridgeGreen
UPCYCLE



Company & Product Introduction

August 2024

Executive Summary | Our Mission to '*Clean up Clean Energy!*'

Market Growth and Opportunities → **Recycling Technology and Processes** → **Strong Team and Strategic Partnerships** → **"Cleaning Up Clean Energy"**

Market Overview

30%	Growth in Lithium-ion battery market in 2023
7-10x	Projected market growth by 2030 at 23% CAGR
$50B	Value opportunity for Lithium-ion battery recycling by 2030

Positioned for Success

- Strong talent density with proven experience in scaling organizations
- Excellent track record in entrepreneurship and delivering highly successful exits
- Exceptional operational experience across renewables and energy storage

Challenges

- High capex, long permitting lead times, inefficient process
- Environmental and Ethical issues with Lithium mining
- National Security for Critical Minerals

Opportunities

- "Liquid Gold" (Oil) driven largely by Transportation vs "White Gold" (lithium) driven by Transportation/Energy/Consumer Electronics
- US & India estimated to capture >50% of the value
- Cost-efficient recycling is a sustainable way to bridge the supply-demand gap for Lithium

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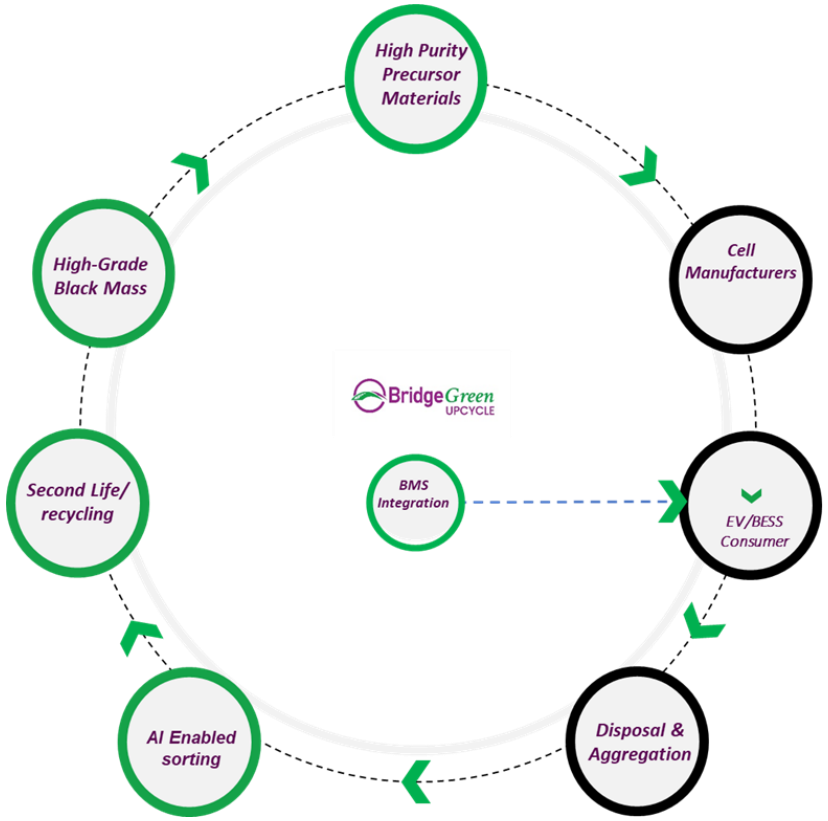
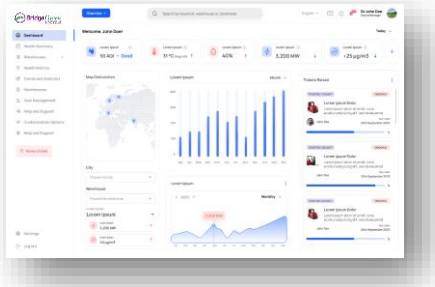
Technology Development | Proprietary Products



Black Mass/Precursor Materials

- A comprehensive process to achieve high-grade black mass
- Extract precursor materials with 80% purity & 40% lower emissions

Tech Stacks



SoH AI SaaS

- An AI-enabled model estimates the State of Health (SoH) batteries with high precision
- end-to-end monitoring of materials to comply with standards

Second Life Battery Systems

- Fully integrated Battery Systems from Second life cells/modules with enhanced BMS