Cambrian Batteries

Inketsu Okina

Director/Chief Intelligence Officer

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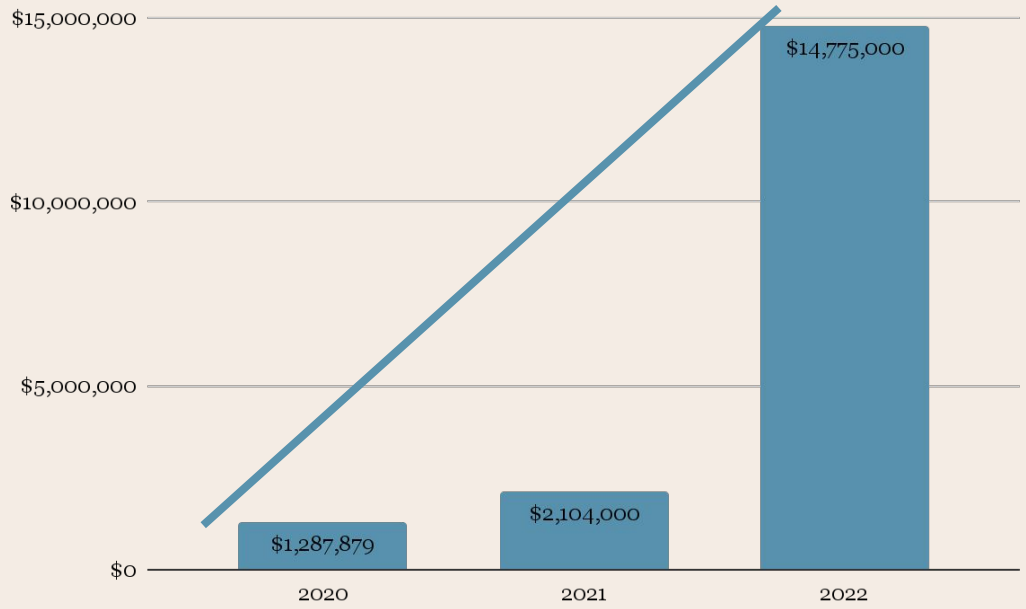
Revenue & Funding

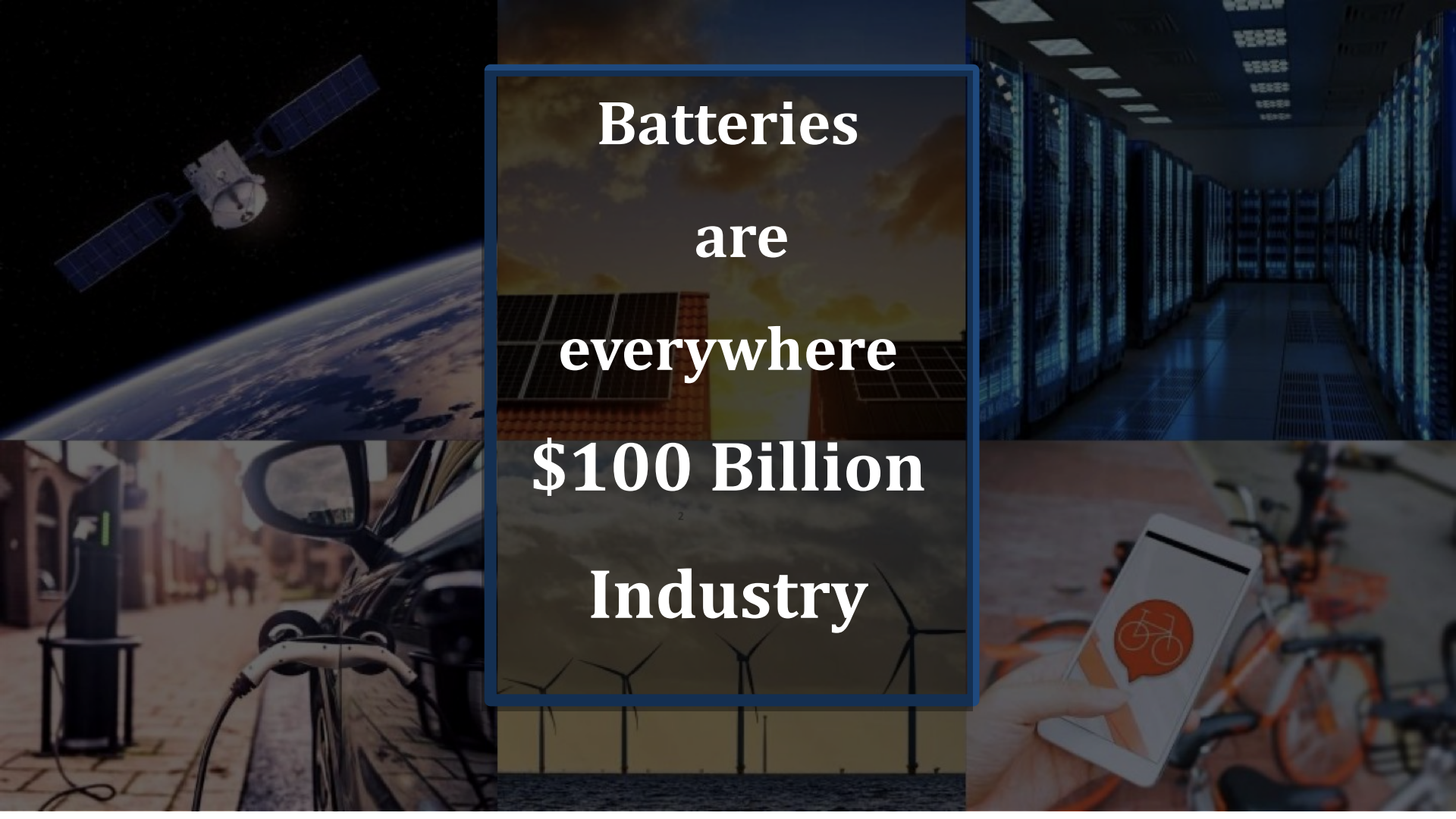


*Updated on Jan. 2021

CAGR: 80.37%

Deal Closed in 2022: 15M USD

- ESS
- Electric Motorcycles
- Ebikes
- Escooters
- Tricycles


Batteries
are
everywhere
$100 Billion
Industry

Joint Research with Kyushu Univ.

Convert agricultural wastes into carbon

<u>All IPs belong to PJP</u>

Our Battery reduces 30t

of Co2 per 1MWH

Compared to traditional Li-Ion

Annually…

Scotland

produces 500M liters of Whisky

5M tons of waste/year

= 1428 GW of Our Battery

=42 MtCo2 reduced
compared to conventional LIB

Supply Chain - electrodes built in Japan, send them to a mass factory oversees

Step 1

Prepare Plants

Step 2

Production of plant carbon

(Patented)

Step 3

Production of electrodes

(Patented)

Capacity: 1 million cells/month - the process is same as LIBs/each step is different partner

Step 6

Delivery of Modules

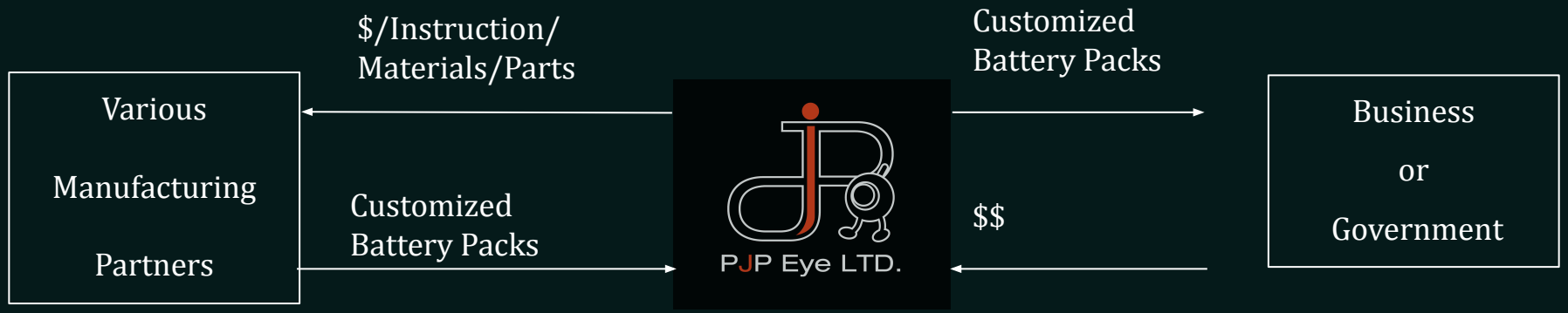
Step 5

Mass Production of Cells

Step 4

Production of Cells

Business Model - Not Cell Sellers but Module Sellers/ B2B2C/B2B/B2G



We don't own any manufacturing capability so no capex is needed

Single Carbon Batteries 3.3 V

(Mass Produced: small to large energy storages and personal mobilities)

Dual Carbon Batteries 5.2 V

(From 2025: EVs and electric airplanes)

(Scale: 100,000 cells, $6)

No rare metals

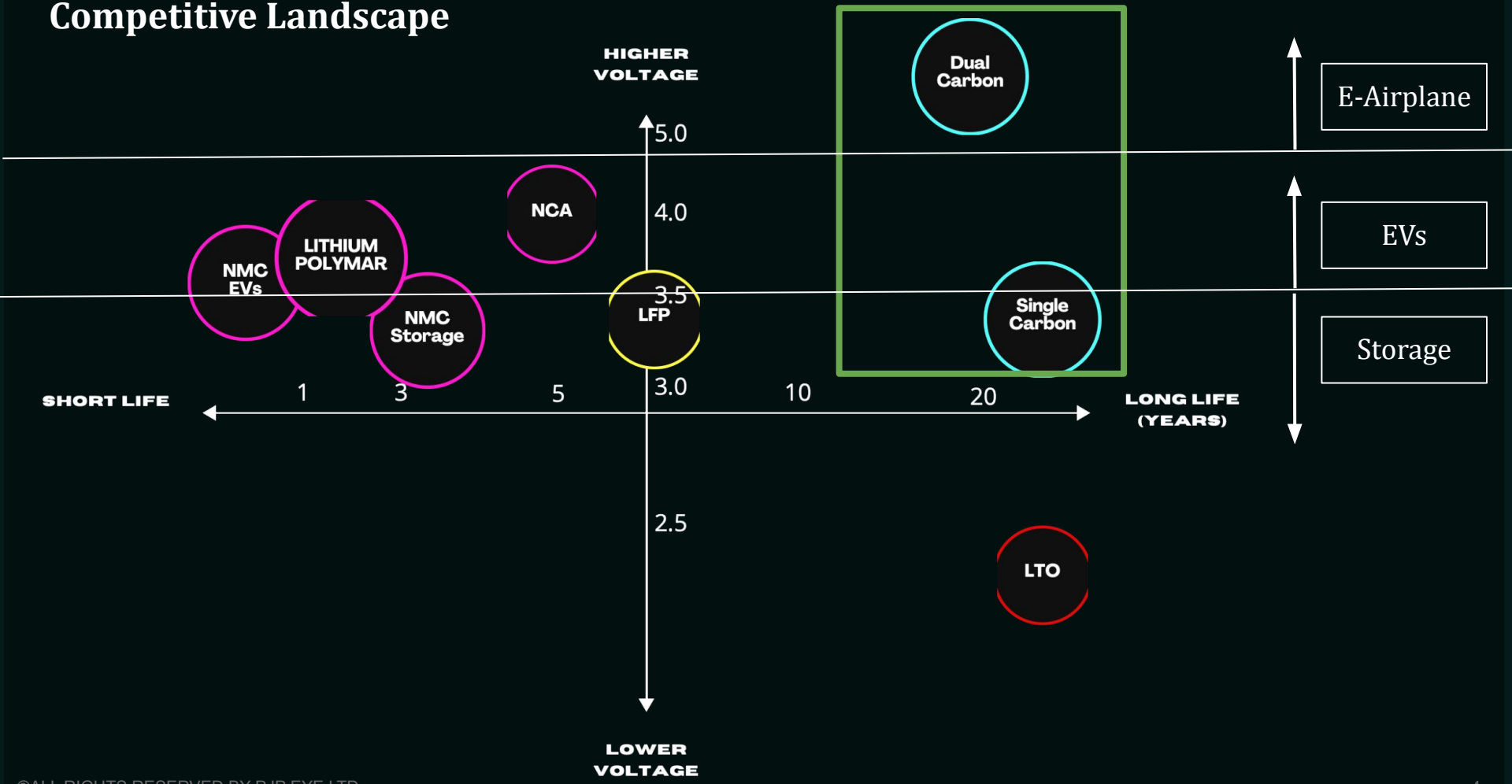
No Explosion

10X Charging Speed

Lasts > 20 Years

	Single Carbon Battery 3000 mAh 3.3 V	NMC EV 3000 mAh 3.6 V	NMC Storage 3000 mAh 3.3 V	LFP 3000 mAh 3.2 V	LTO 2900mAh 2.4 V
Charging Speed	10 min	3hours	2.5 hours	1h	15 min
Battery Life	8000 Cycles	250 Cycles	1500 Cycles	2000 Cycles	20,000 Cycles
Weight	74.5g	48 g	40 g	85 g	150 g
Cost	$	$ $ $	$ $	$	$ $ $ $ $
Energy Density	295	604	278	272	84

Competitive Landscape



Our CEO at Kurdistan Refugee Camp in 2015

Executives

Hiro. A. Nishina

FOUNDER/CEO

June Oyama

CO-FOUNDER/CFO

Inketsu Okina

CO-FOUNDER/CIO

Management

Victoriya Shirota

GLOBAL BD MANGER

University

BINGHAMTON UNIVERSITY
State University of New York

WMG
THE UNIVERSITY OF WARWICK

Joint Researchers: Kyushu Univ.

Dr. Yukihisa Namiki

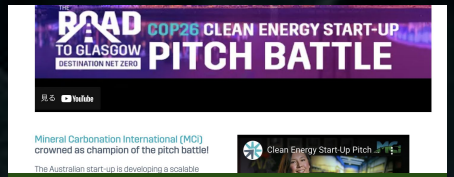
Dr. Shigeto Okada

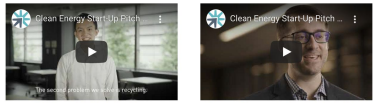
Dr. Yuichi Harada

Dr. Tatsumi Ishihara

PJP Eye LTD.

Future of Mobility award by the British Embassy of Tokyo





PJP Eye's initial pitch video

Syzygy Plasmonics' initial pitch video

COP 26 Clean Energy Pitch Battle 2nd Place

Gitex Best International Startup Award

TecX: 100,000 GBP funding with acceleration program

Governor of Tokyo Award

BP, Equinor, ADNOC 100,000 GBP Most Disruptive Technology PRIZE

Our Vision

To deliver sustainable energy solutions

to everyone on the planet

by creating the sustainable economic system