

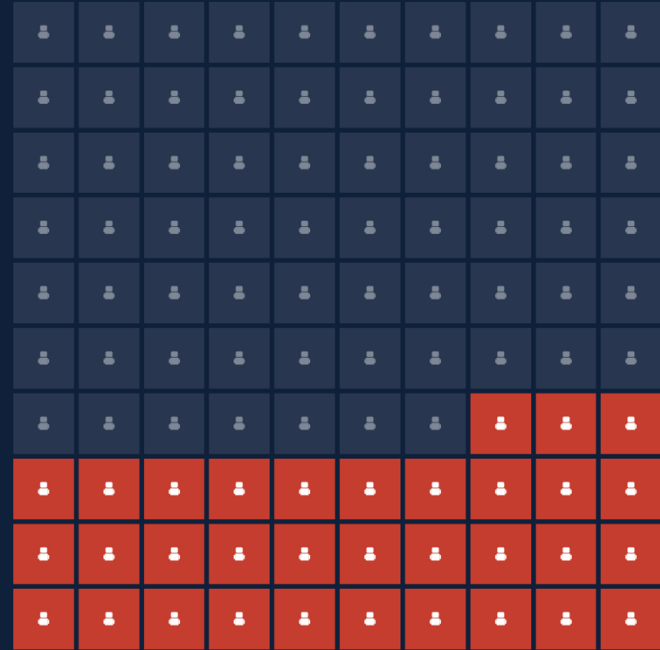


hello@morelle.ai

The Problem

Electric fleets of all sizes
waste tremendous
operational time and money
because of battery charging.

33% of your fleet is idle at any given moment



Working (67) Charging (33)

The Solution

Full charge in under **15 minutes.**

No battery swapping.

No extra infrastructure.

<15

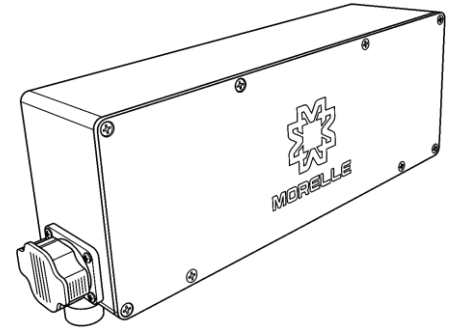
MIN
0-100% CHARGE

1500+

VALIDATED
FAST-CHARGE CYCLES
AT 5C RATE

>95%

FLEET UPTIME
VS <67% WITH REGULAR



How It Works

Battery + BMS + Charger, designed as one system.

ML optimizes every fast charge cycle, extending cycle life by 2-3X.

Silicon-Anode Cells

Higher energy density and 10X faster charge rate

ML Charge Profiles

Custom profiles per pack, adapting to temperature, health, and usage

Product: Modular Battery System

The same building blocks can service any application.



Industrial Robotics

Noble Machines

Morelle doubled their fleet productivity.

2X

Robot uptime

5X

Lower
operating costs

Zero

Additional capex
or labor

MARKET
OPPORTUNITY*

\$5B

*Serviceable Available, within 5 years



Mobility: eBike Demo

Morelle e-bike is fully charged in under 15 minutes.

- Developed with Gary Fisher, inventor of the modern mountain bike. Prev at **TREK**
- Morelle will produce the eBike in limited quantity, primarily to catalyze partnerships with larger bike brands
- Morelle will ultimately be a battery system/technology supplier

MARKET
OPPORTUNITY*

\$5B

*Serviceable Available, within 5 years



UL
CERTIFIED

350
WH BATTERY

28
MPH ASSIST

<30
LBS WEIGHT

Robb Report

Forbes

Outside

NEW ATLAS

Mobility: Infrastructure

Battery swapping for e-bike delivery fleets

- In urban areas, real estate and permitting are massive headaches for building a battery swapping network.
- Morelle's fast charging batteries minimizes charging and swapping footprints, allowing for an exponential expansion of the network
- Opportunity for distributed energy storage as a dual use product

MARKET
OPPORTUNITY*

\$2B

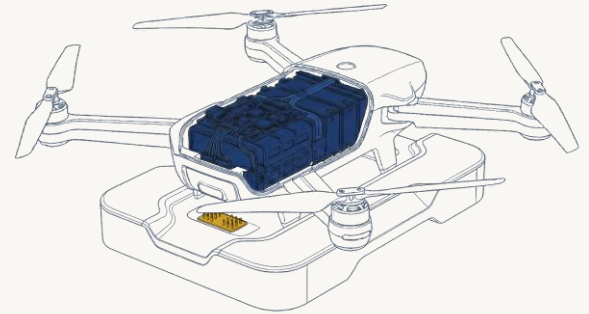
*Serviceable Addressable, within 5 years



Defense and Law Enforcement Drones

Keep drones in the air, not on chargers.

- Law enforcement and defense agencies are increasingly using drones for surveillance and first response, but most drones only fly 20-30 minutes
- Morelle enables two scenarios:
 1. A network of simple fast charging points around an urban area with no additional labor
 2. Much faster turn around time versus battery swapping or slow charging



MARKET
OPPORTUNITY*

\$1B

*Serviceable Available, within 5 years

Team



Michael Sinkula

Co-Founder & CEO

- Former CBO at Ionblox
- 20+ years in EV & battery industry
- Raised ~\$80M in equity financing
- Customers: Lilium, Google, Meta, BMW



Dr. Kevin Hays

Co-Founder & CTO

- Former Head Battery Designer at Ionblox
- Built world's highest-performance batteries for eVTOL
- 20+ papers, 900+ citations

Advisors:



Kate Gallego
Mayor of Phoenix



Gary Fisher
Trek



Brendan Till
Apple/Maven Robotics

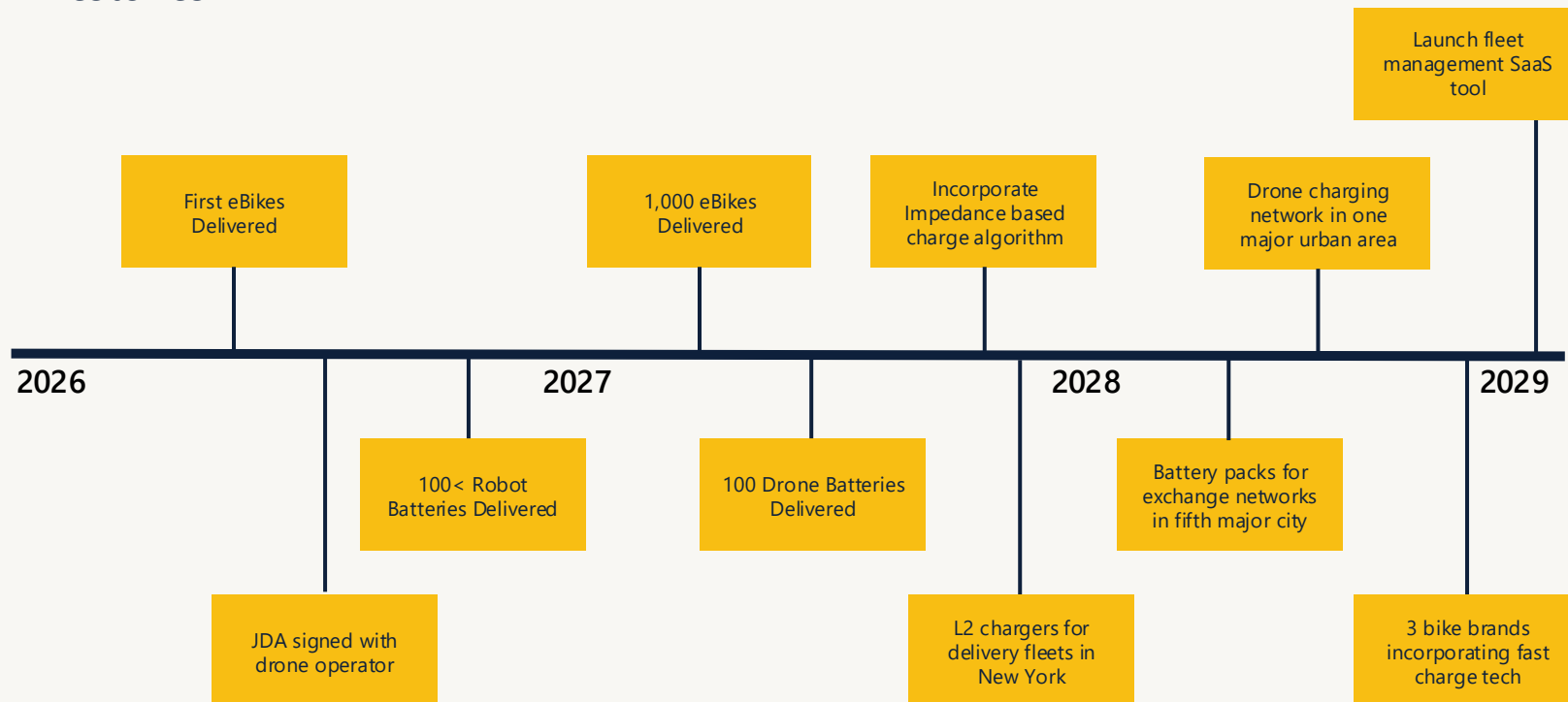


Brandon Mah
Bedrock/Path Robotics

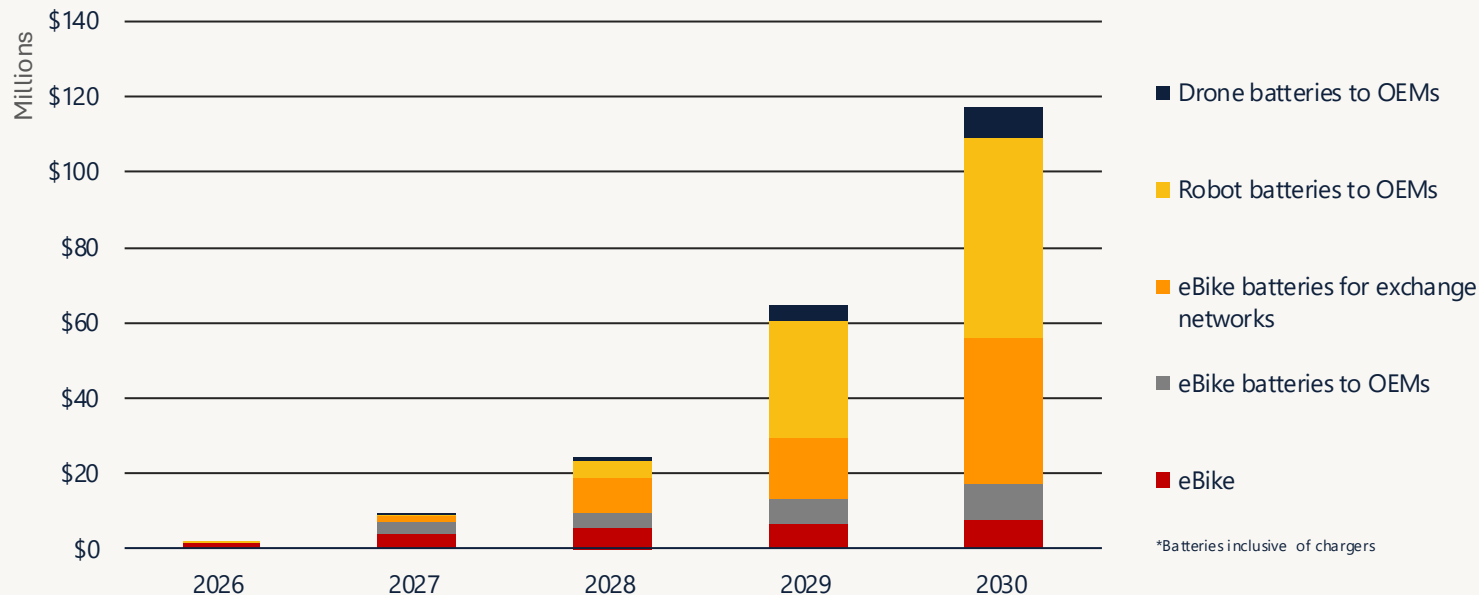


Anish Patel
Yamaha/GM

Milestones



Revenue



Additional SaaS revenue streams anticipated in fleet management as critical mass of systems are deployed, but not reflected in this forecast

\$2M Seed Round

Milestones already achieved: Built the industry's first humanoid fast-charge system, Secured first OEM customer (Noble Machines), Filed battery system patent, ~200 e-bike reservations

What this capital unlocks before 2027:

- 2-3 additional leading robotics and/or drone OEM partnerships
 - ML battery durability models validated in production
 - Expansion of mobility battery and charger into new product lines
 - Manufacture battery systems in low volume
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