Chargebotic

SOLVING ENERGY FOR AUTONOMOUS ROBOTICS

San Francisco, CA
Pre-seed · Research Phase
chargebotic.com

We are **3 ex-Tesla, Apple & Meta engineers** in San Francisco, applying our **Electric Vehicle charging expertise** to the fastest-growing problem in robotics: **energy.**

OUR THESIS

Energy will define which autonomous fleets scale and which die.

Rovers on the Moon die because energy isn't there. Warehouse AMRs spend 30% of their time charging instead of working. Delivery robots have a 4-hour window before they're useless. **Every robotics vertical hits the same wall: energy management is unsolved, fragmented, and costs more than the robots themselves.** We believe whoever builds the universal energy layer for robots wins a generational infrastructure market.

HYPOTHESES WE'RE VALIDATING

HYPOTHESIS 1

Energy is the #1 cost driver for fleet operators

Charging infrastructure, downtime, and battery management account for more operational cost than the robots themselves at scale.

HYPOTHESIS 2

No universal charging layer exists today

Every robot brand has its own siloed charging solution. Mixed fleets can't share infrastructure. The "Android moment" for robot energy hasn't happened.

HYPOTHESIS 3

Software orchestration beats hardware alone

45% of infrastructure value is shifting to the software & AI layer. The real moat is intelligence: routing, scheduling, and fleet-wide optimization.

HYPOTHESIS 4

The problem is universal across verticals

From warehouses to lunar rovers, the energy coordination challenge is structurally the same. One platform can serve them all.

VERTICALS WE'RE EXPLORING

⚙ AMR	✈ UAV	📦 LAST MILE	🤖 HUMANOID	🏭 INDUSTRIAL	🌑 SPACE
Warehouses & Factories	Drones & Aerial	Delivery Robots	Next-gen Workforce	Heavy & Outdoor	Lunar & Mars Rovers

$38B
ROBOT CHARGING INFRA BY 2033

3M+
AUTONOMOUS ROBOTS BY 2028

30%
FLEET TIME LOST TO CHARGING

Our Approach: Research-First, Then Build

01 — **Talk to operators**
Deep interviews across all 6 verticals

02 — **Map the pain**
Quantify cost of energy per vertical

03 — **Find the wedge**
Identify highest pain, fastest deploy segment

04 — **Ship & iterate**
MVP in weeks, not months

CORE TEAM

Anis Cheriet
Co-founder & CEO
Ex-EV charging infrastructure. Led Europe's largest charging deployments twice. Deep expertise in energy systems at scale.

Christopher Redfearn
Co-founder & Hardware Lead
Ex-Apple & Meta. Hardware lead, MS in CS. Builds space-grade reliable systems from scratch.

R. M.
Head of Software (joining post-raise)
Currently at Tesla. Working on Optimus robot charger & Robotaxi energy systems. Ph.D. in CS, 6 years in AI & robotics.

We'd love your feedback.
What energy challenges do you see in robotics?

SEE WHAT WE'VE BUILT →

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