
REDWOOD
ENERGY

Company Evolution

2017-19

Founded & funded by JB Straubel [Tesla co-founder, former CTO, and current Board Member]

2020

First major recycling partnership

2021

First significant capital raise

2022

First recycling facility commissioned

Major CAM contract

Major OEM contract

2023

Additional CAM contracts executed

Series D equity raise

2024

CAM licensing agreement

Industrial scale operations

CAM construction

Energy storage launch

2025

Energy storage commercialization

South Carolina operation

SEED FUNDING & START UP

COMMERCIALIZATION & REVENUE GROWTH

ESS OPERATIONS

Pioneers in Batteries and Energy Storage

JB Straubel
Chief Executive Officer

- Co-founder & former CTO / current Board member at Tesla

Chris Lister
Chief Operating Officer

- Former VP of Operations at Tesla
- Former Senior Director at PepsiCo

Colin Campbell
Chief Technical Officer

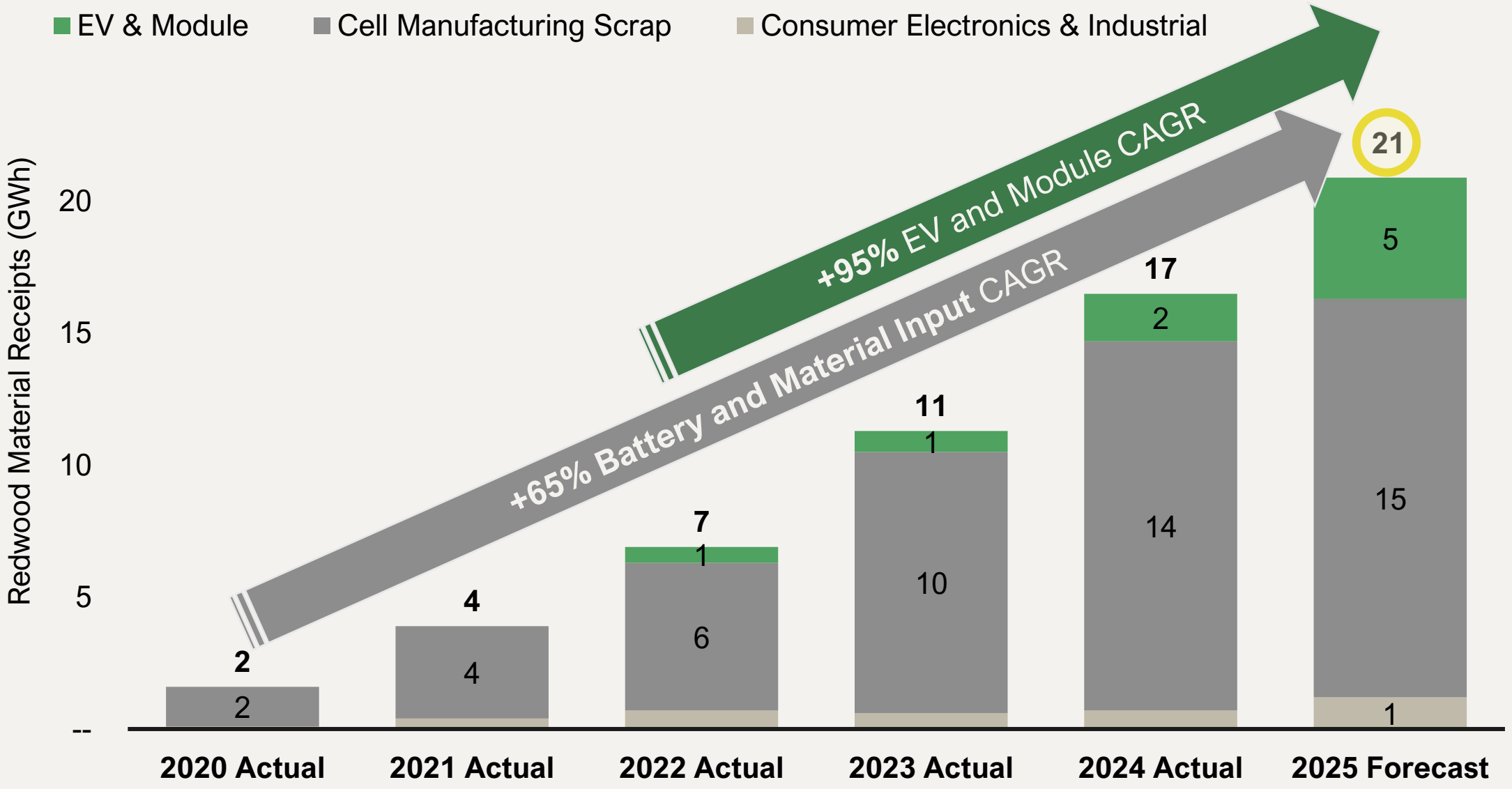
- Former VP of Powertrain Engineering at Tesla

Cal Lankton
Chief Commercial Officer

- Former VP of Fleet and Global Operations at Lyft
- Former VP of Energy Sales and Operations at Tesla

- A proven team with decades of experience in operations, manufacturing, energy storage, and power electronics development
- Redwood leadership successfully developed, commercialized, and scaled battery and energy storage systems at Tesla

Consistent Business Growth Driving Significant Scale



Partnerships

VEHICLE OEMs

VOLVO

BMW

Ford

ROLLS-ROYCE MOTOR CARS NA LLC

TOYOTA

NISSAN

gm

PORSCHE

MINI

CATERPILLAR®

ISUZU

CELL MANUFACTURERS

Panasonic

ULTIUM CELLS

CONSUMER ELECTRONICS

amazon

WM WASTE MANAGEMENT

UTILITIES

Kaua'i Island Utility Cooperative
Your Touchstone Energy® Cooperative

Southern Company

E-MOBILITY

lyft

Lime

RAD POWER BIKES

Operational Experience at Gigawatt Scale

70% market share at **4x** the receipts of the closest competitor

~1 GWh of reusable BEV packs, adding **2-4 GWh** over next 12 months

Redwood Energy: Leveraging Core Strengths

REDWOOD ENERGY

End-of-Life Lithium-Ion Sourcing, Logistics, Storage

70%
Market Share

Energy Storage Deployment

North America Lithium-Ion Recycling Operations

~90%
Market Share

Demand Drivers for Energy Storage

Market Factors

Increasing Power Demand
- Rising electricity demand driven by AI and data center growth

Grid Constraints
- Aging transmission networks and limited capacity are creating grid bottlenecks

Interconnect Timing
- Lengthy and unpredictable timelines are stalling deployment of renewable and traditional energy

Renewable Energy Curtailment
- Generation peaks misalign with grid demand, causing wasted energy

Road to Growth

REDWOOD

Battery Energy Storage

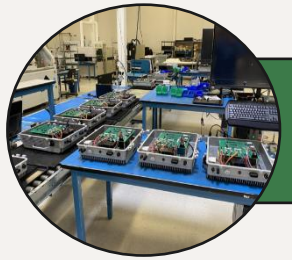
Power Support
- On-demand flexible power reduces peak strain and helps manage load growth

Energy Resilience
- Provides reliable backup power and reduces dependence on grid

Accelerated Deployment
- Rapid deployment solution leverages technical & architectural advantages

Reducing Renewable Waste
- Captures excess generation and shifts to high-demand periods

Redwood Energy's Competitive Advantage

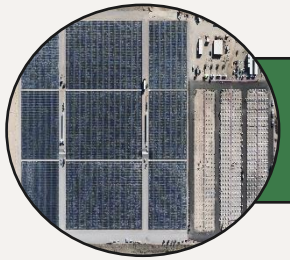


EXPERTISE

- Power electronics system design
- Software development
- Energy system modeling, optimization

DIFFERENTIATION

- Lowest cost
- Rapid deployment
- Passive Safety



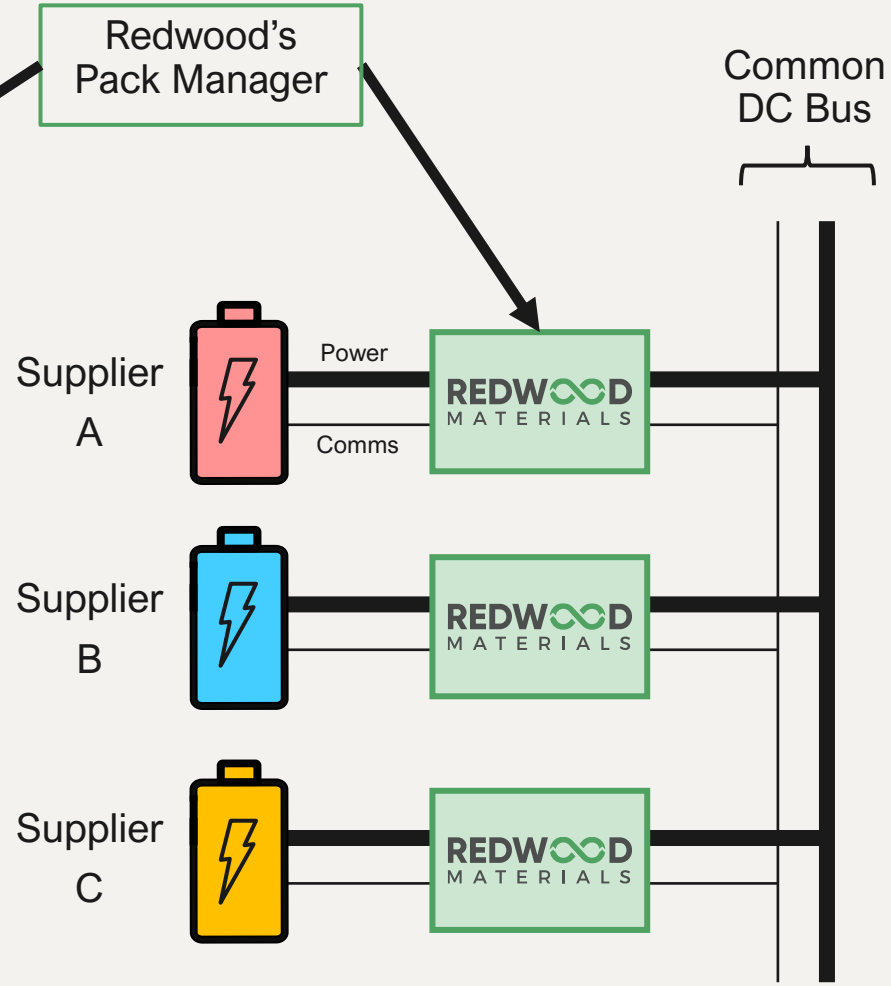
VALUE TO CUSTOMER

- Cost competitive solution relative to alternative technologies
- Avoidance of notable grid constraints including generator and utility interconnection wait times
- Effective management of renewable intermittency
- Ability to minimize spikes in energy consumption and reduce energy costs

Redwood's "Pack Array" Architecture

Redwood's Pack Manager integrates battery packs of **any chemistry, any capacity, and any voltage.**

- Bi-Directional charge/discharge on each pack independently
- Communicates and monitors pack data/health in real time using onboard battery system and Redwood's Pack Library
- Redwood in-house developed IP with patents filed



Technology Advantage Drives Scalability

Battery agnostic

Allows for blended feedstock mix, with battery packs from any vehicle OEM integrated into one system

Bi-directional charging

1. Charge energy from power source (grid or renewables), and
2. Discharge energy back to the customer or grid

Individual pack power control

Pack Interface Library

Redwood has received & processed 120+ different types of packs and built an aggregate library of battery protocols & physical interface

System monitoring

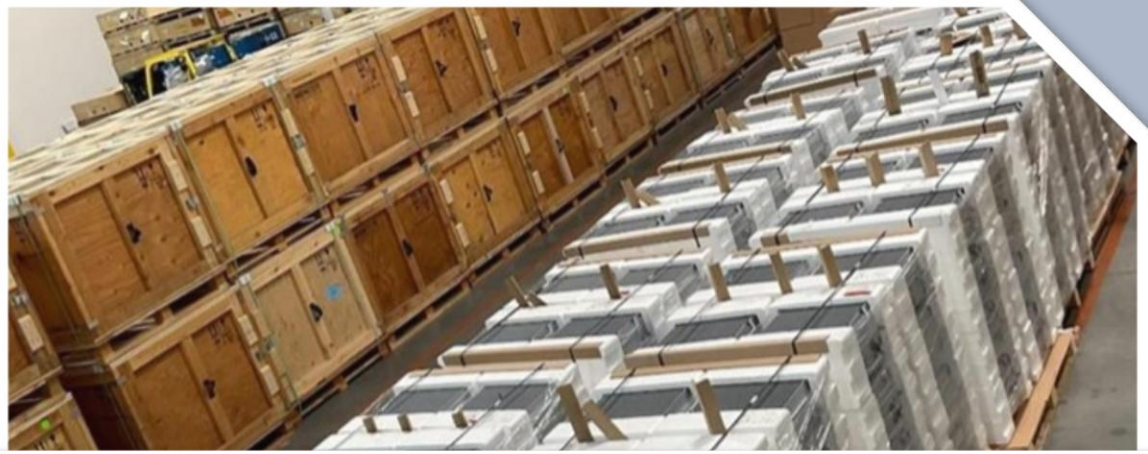
Fully integrated control platform to support real-time telemetry, dispatch, and autonomous control modes

IP Supports a Differentiated Energy Storage Solution

Redwood-developed IP for power electronics, software & controls, with patents filed

Deployed at Commercial Scale

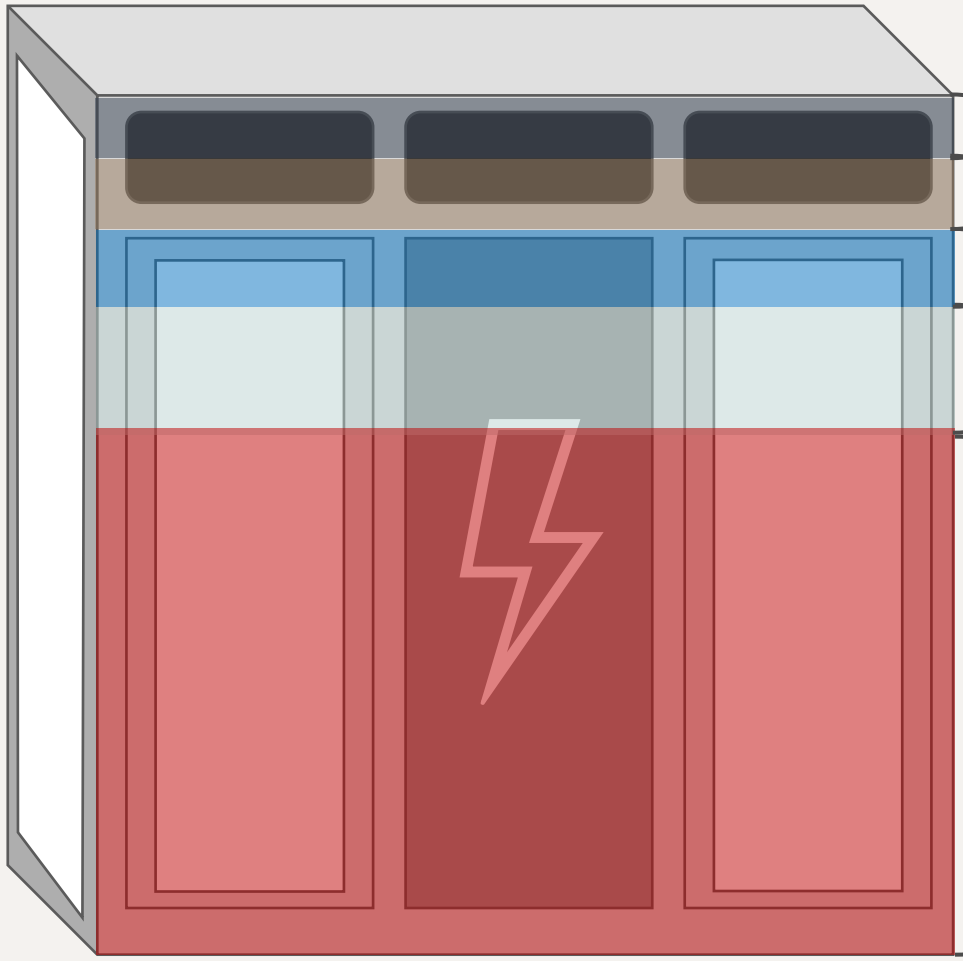
Assembly Line Mass Production of Pack Managers



Cell/Module Cost is Key Driver of Standard BESS

Redwood's domestic, used, battery sourcing capability enables structural cost advantage (Tariff-Free)

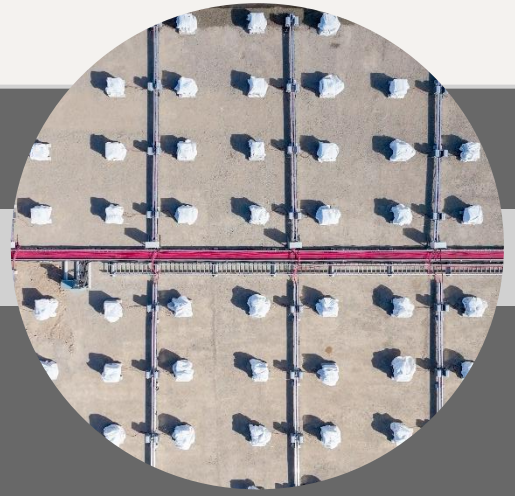
Traditional Li-ion Energy Storage System BOM



- Inverter (~7%)
- Grid Connection (~8%)
- Balance of System (~10%)
- Development & EPC (~15%)
- LFP Battery (~60%)
  - >95% currently sourced from China
  - Recent tariffs on Chinese batteries have led to rising BESS cost basis

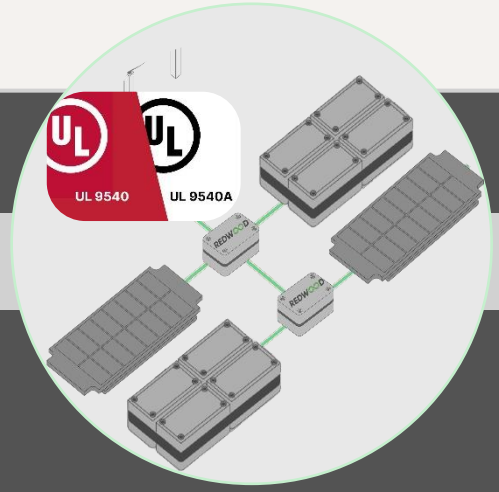
Source: Aurora Research

Safety & Permitting



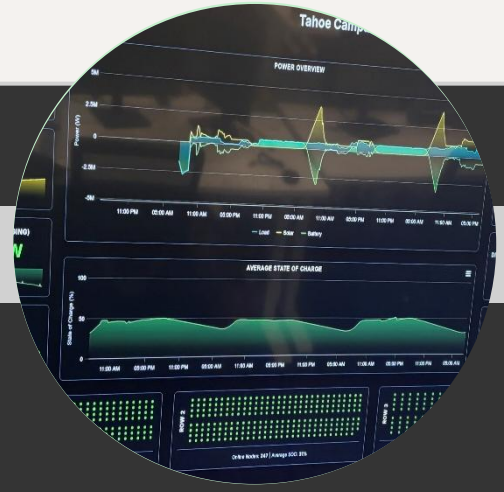
Safety 1st Design

- Passively safe system architecture
- Anti-propagation design
- Thermal runaway isolation
- Layered fault diagnostics



Certification

- Independent certification and safety validation
- Completing UL 9540/A equivalent certifications
- Fire code approvals

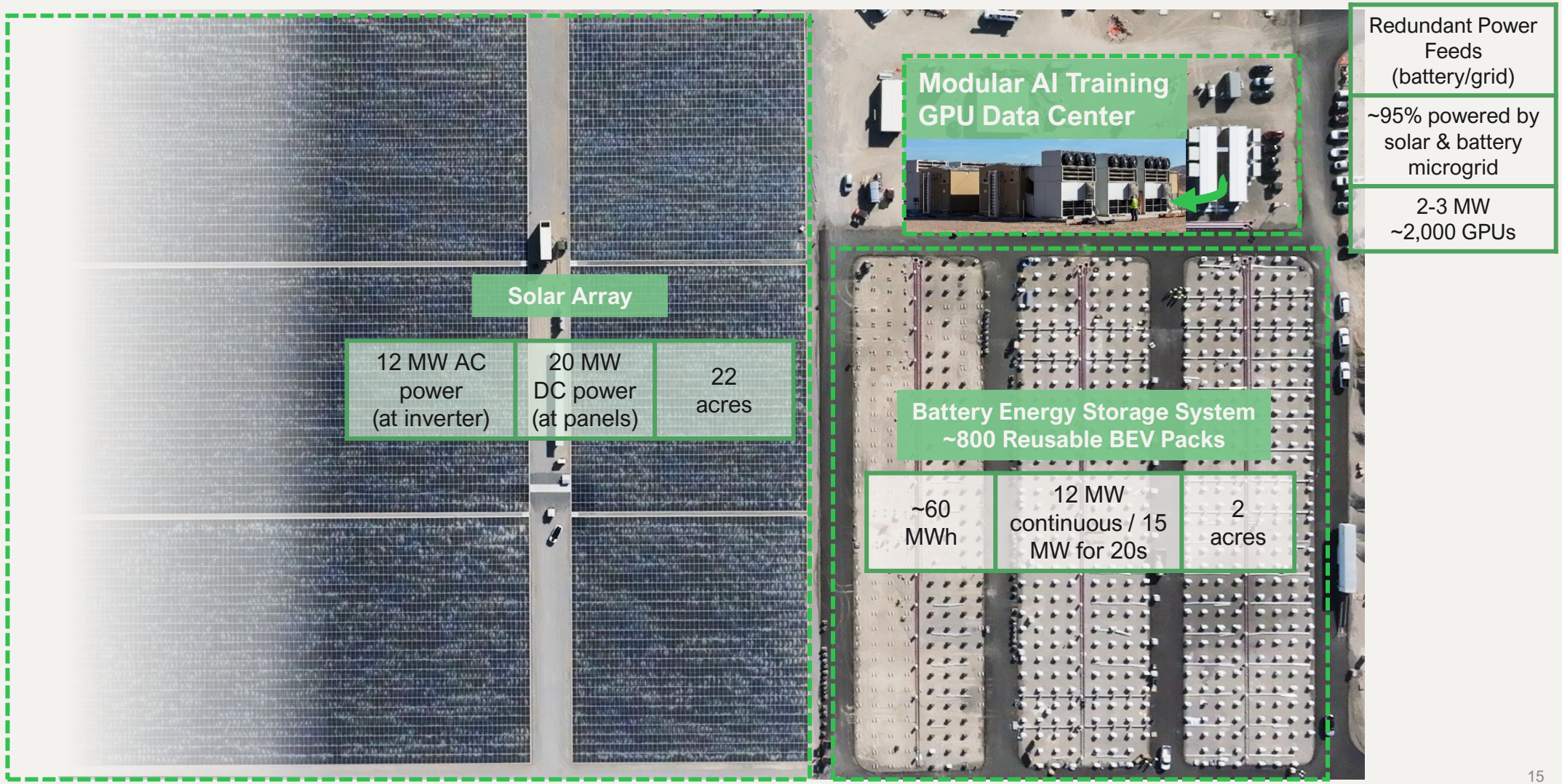


Monitoring

- 24/7 monitoring & support
- Remote diagnostics
- Backed by a performance warranty
- Extensive data flow from every pack

Example Deployment – Crusoe Energy, NV

Solar and energy storage microgrid supporting AI training loads – online June 2025



Accelerated Time-to-Market

Redwood Energy Storage

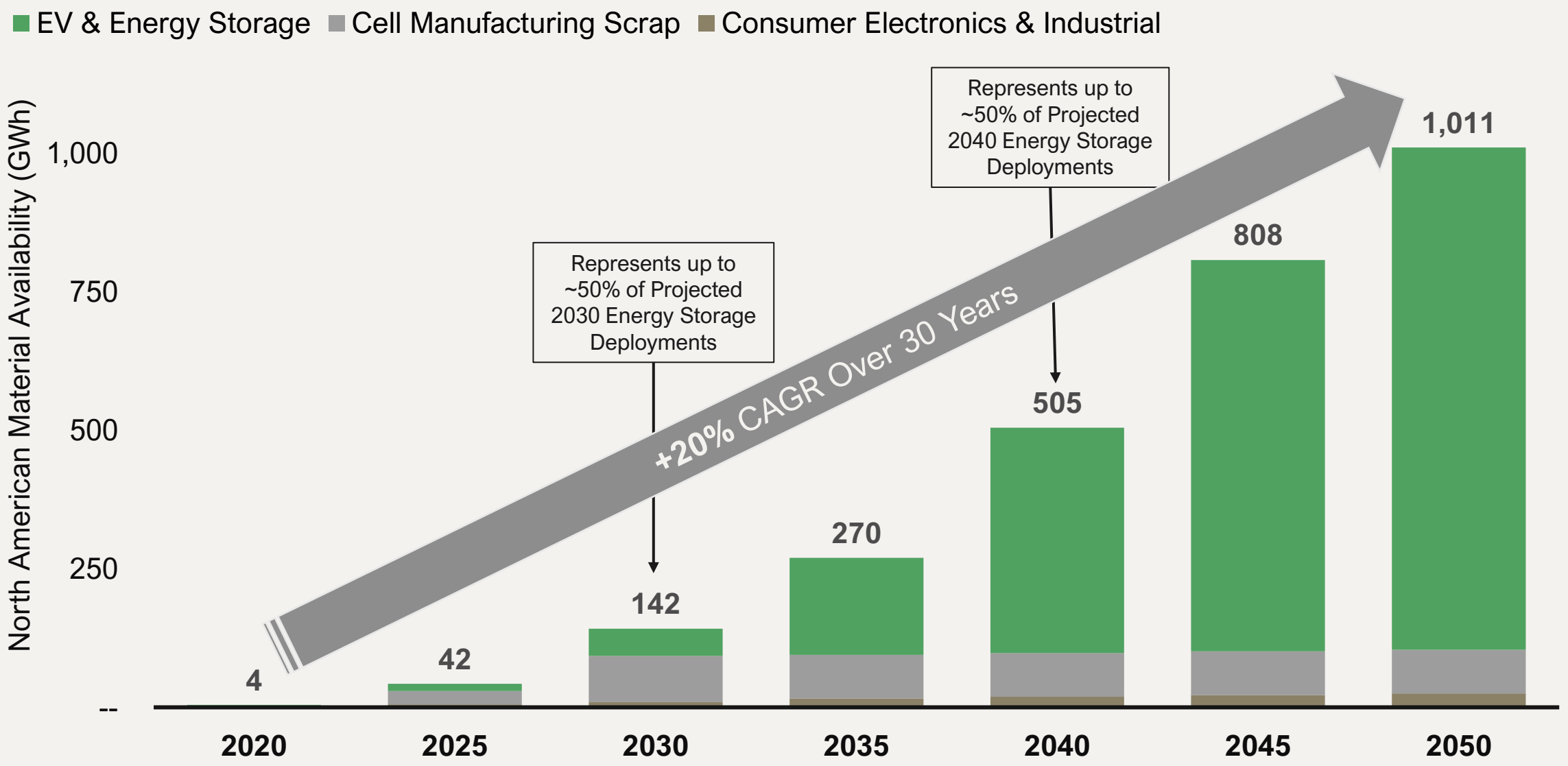
1. **Battery Supply Chain**
   - Half-decade of proven receipts & captured market share

2. **Modular Deployability**
   - Installation requires only graded pad with minimal civil work—no deep foundations, custom enclosures, or lengthy interconnection timelines
   - Can support deployment timelines measured in weeks, not months

3. **Project Execution**
   - End-to-end project deployment
   - In-house expertise across engineering, procurement, construction, & operations

4. **Proven at Commercial Scale**
   - Crusoe Energy Project Buildout
   - Largest known reusable battery storage deployment

North America Market Expansion Supports Continued Scale



Note: Based on Redwood bottoms-up recycling model with data from Circular Energy Storage and S&P Global

Supply of Reusable Batteries is Global

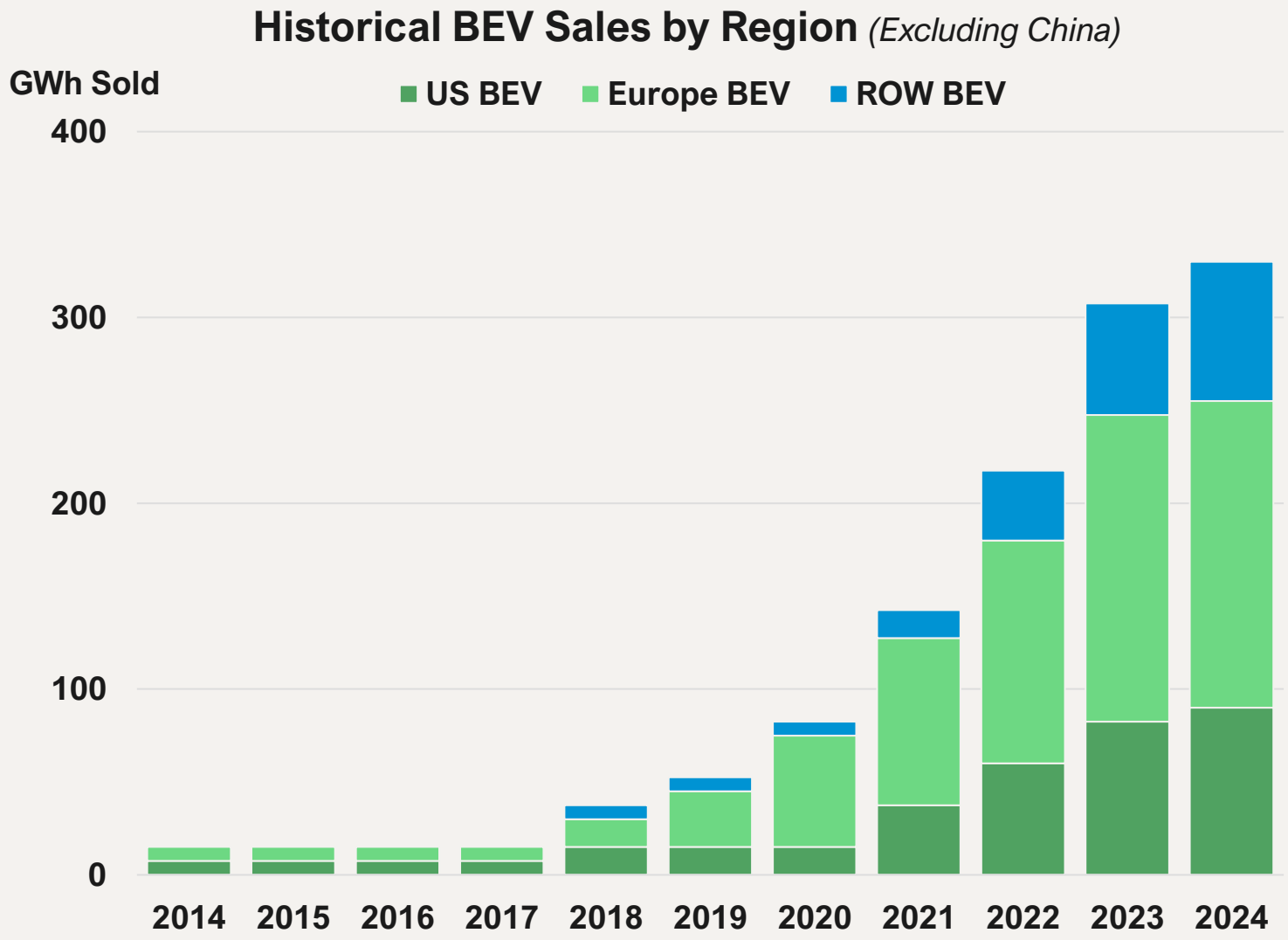
~12M

BEVs sold in last 10 years
(Excluding US & China)

900GWh

Capacity of reusable batteries as vehicles reach end of life

Significant opportunity to efficiently source feedstock on an international basis



 Source: IEA

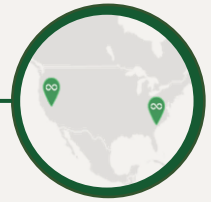
Capital Structure & Series E Targets

Investment Highlights

Management Team
The Redwood team is proven with decades of experience in operations, manufacturing, energy storage, and power electronics development

Significant Barriers to Entry
Redwood’s strong market share and competitive position are reinforced by differentiated technologies and processes, along with an integrated business model that addresses the entire battery ecosystem

Strong Growth Opportunity
Redwood's energy storage solution offers the customer significant value through low cost, rapid deployment, and robust safety



Localized Operations
Redwood is well-positioned to capitalize on growing demand for a localized battery supply chain

Series E – New Investment

- Redwood is seeking to raise $200M - $300M in equity capital
- Use of proceeds includes general corporate purposes with a focus on Energy Storage business
- Existing investors likely to take significant percentage of total allocation
- Seeking small number of new, long term strategic partners


Thank You!
REDWOOD
ENERGY

Forward-looking Statements & Confidentiality

Forward looking statements

This document contains forward-looking statements, which can be identified by words such as “anticipate”, “intend”, “plan”, “project”, “expect”, “may”, “should”, “will”, and similar references to future periods. Forward-looking statements are neither historical facts nor assurances of future performance. Instead, they are based only on our current beliefs, expectations, and assumptions regarding the future of our business, future plans and strategies, projections, anticipated events and trends, the economy and other future conditions. Because forward-looking statements relate to the future, they are subject to inherent uncertainties, risk, and changes in circumstances that are difficult to predict and many of which are outside our control. Our actual results and financial condition may differ materially from those indicated in forward-looking statements. Therefore, you should not rely on any of these forward-looking statements. Any forward-looking statement made by us in this document is based only on information currently available to us and speaks only as of the date on which it is made. We undertake no obligation to update any forward-looking statement, whether as a result of new information, further developments, or otherwise.

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