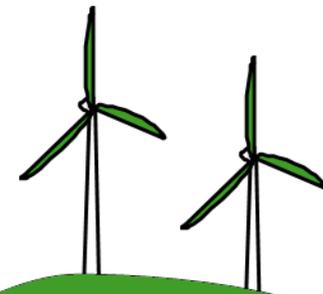




ElectronVault
Smart Energy Storage



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Smart Energy Storage



NREL Industry Growth Forum

Denver, Colorado

October 28-30, 2008

Rob Ferber

rob@electronvault.com

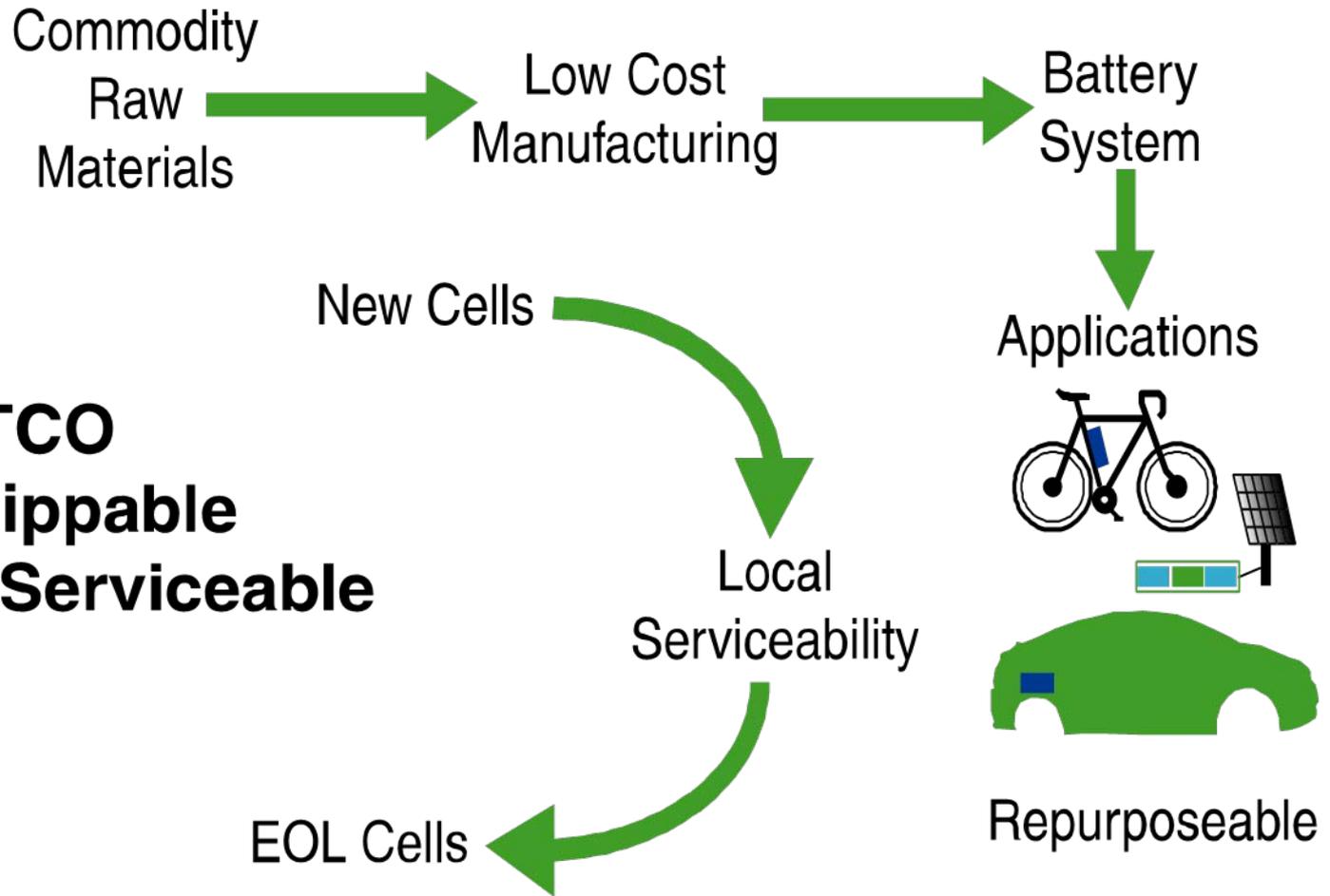


The Pain Points

- System Safety
- Cost of Acquisition
- Cost of Ownership
- Efficiency
- Fitting into Existing Businesses



Energy Storage Reinvented



Disruptive TCO
Globally Shippable
100% Field Serviceable

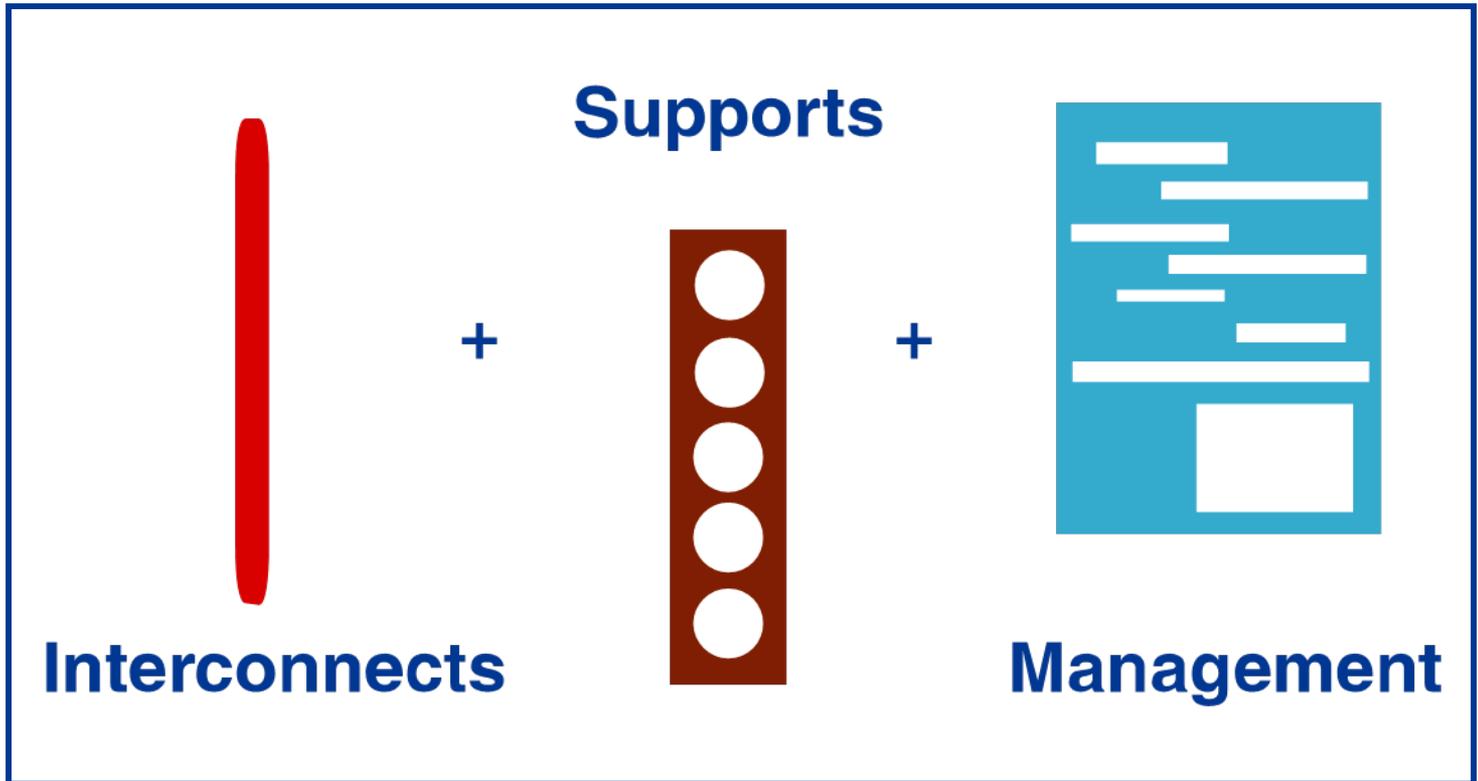


What is a Battery System?



Cells

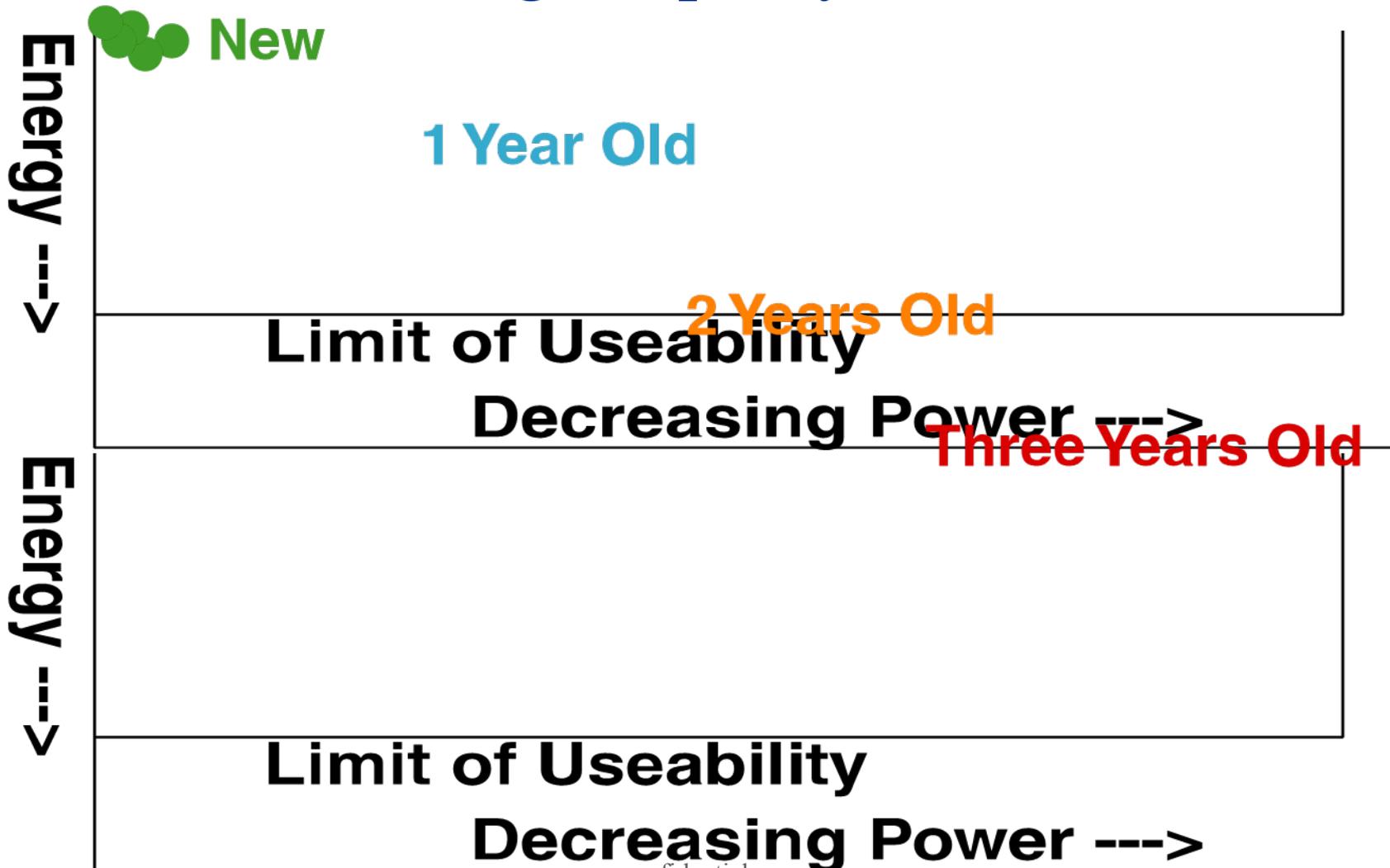
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ElectronVault Core IP

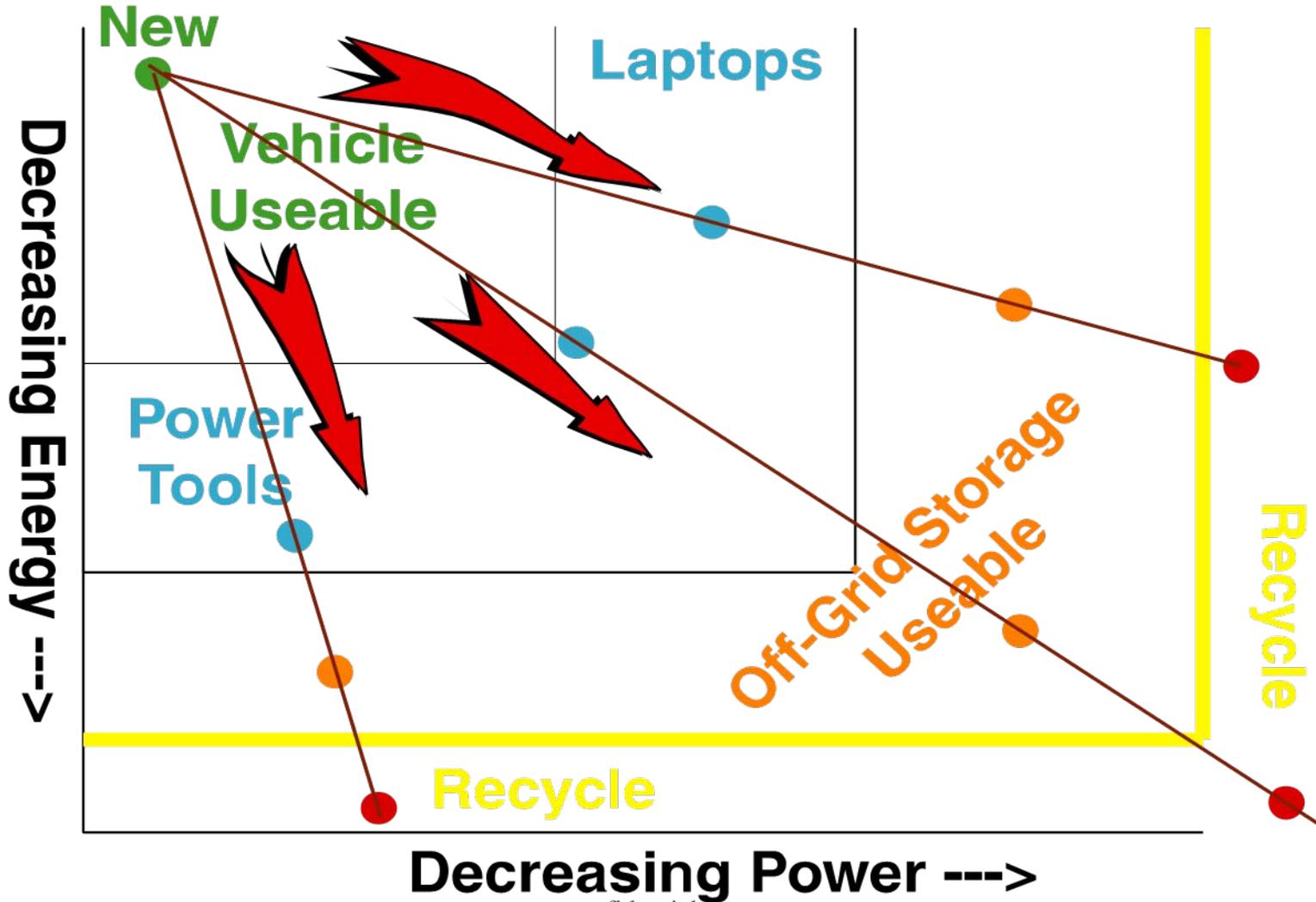


Not All Cells Age Equally...



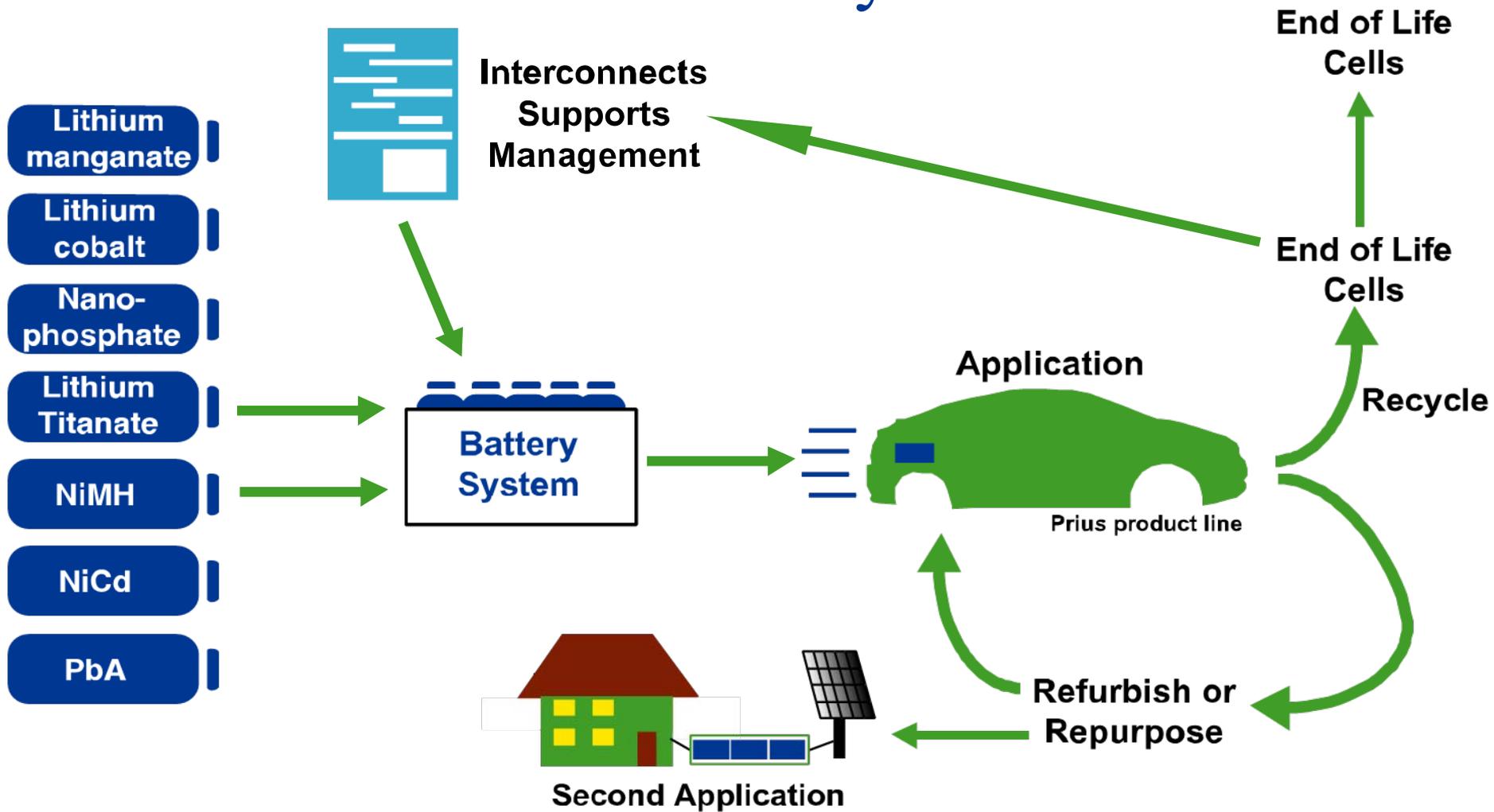


Downstream Markets





Sustainable Product Lifecycle





Management and Advisors

Rob Ferber, CEO

10 years in electric vehicles;
Battery Scientist, AC Propulsion;
founding Science Director, Tesla Motors;
CEO and Founder, Zelerate

Lynne Case, CFO

10 years Sales and General Manager in
agribusiness and construction;
MBA CSU Hayward

Linda Maepa, CCO & VP Bus. Dev.

12 years in IT and business consulting,
science lab management; EDS, KPMG,
UCSD; BS Caltech

Confidential, VP Marketing

15 years in marketing and public relations;
FT commitment on funding; Clients: Sun,
Alcatel, IBM, SAP; BA UCSB

Dr. Robert Ferber, Sr.

Engineering Advisor

50 years in EE, energy storage & conversion,
utility-scale solar, inventor, serial
entrepreneur; Westinghouse and NASA

LH Nape Maepa

Governmental Affairs and Engineering Advisor

36 years in EE, power systems, PV
manufacturing, national government, serial
entrepreneur; Black & Veatch, government of
South Africa

Claus Weit

Automotive Industry Advisor

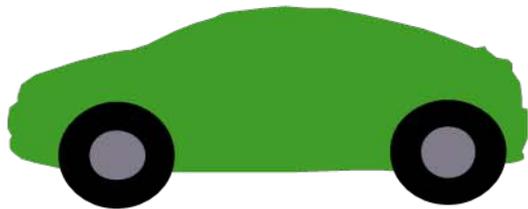
25 years automotive parts import/export; CEO,
co-Founder, and Director SSF Imported Auto
Parts



Opportunities

Premium Power Markets

Portability

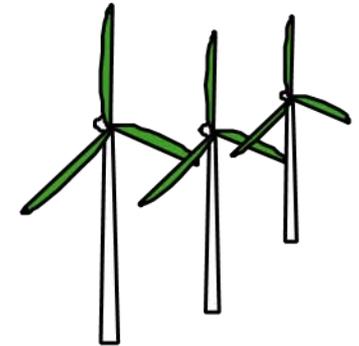


5 Year TAM: \$3.6B
3 Metro Area: \$882M
7 Metro Area: \$1.1B

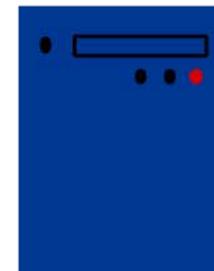


5 Year TAM: \$2.6B

Reliability



HA





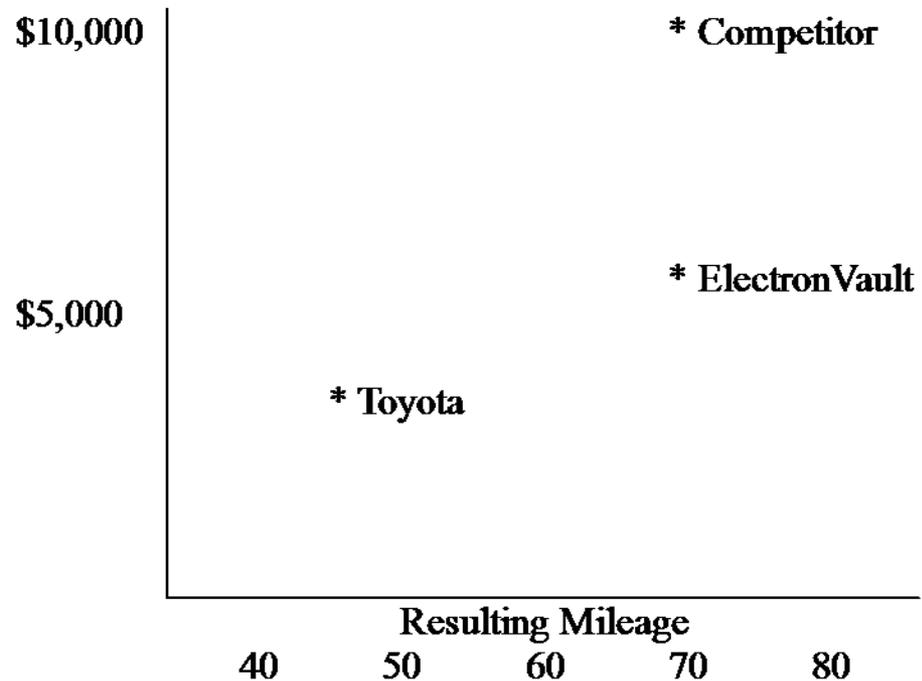
Competitive Advantages

Prius Replacement Battery Pack

- **Lowest TCO**
- **Indefinite maintainability**
- **Low cost of acquisition**
- **“Put it in and forget it”**

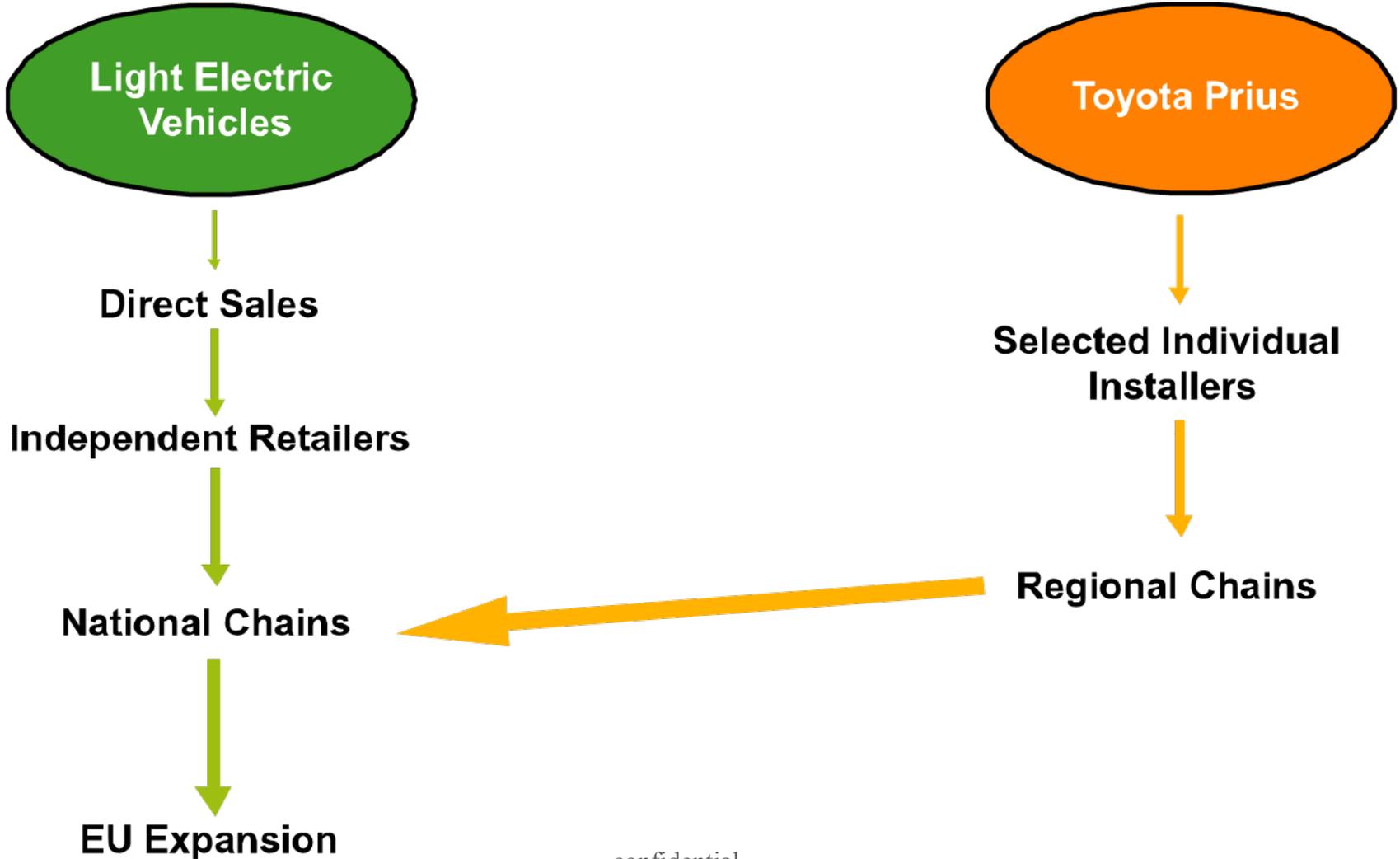
Electric Bike Battery Pack

- **Locally maintainable**
- **Shippable**
- **100% Field Replaceable**
- **Charge on or off bike**





Go-to-Market





Funding Needs

Founders Round: \$200,000

Engineering and Production Prototyping: Prius, e-bike

Road testing and Safety Validation: Prius, e-bike

Building IP Portfolio

Growing key supplier base

Series A: Seeking \$5M

Manufacturing build-out for Prius and e-bike packs

Continue securing intellectual property | Working capital

Expansion of initial verticals to tractable, nearby market segments

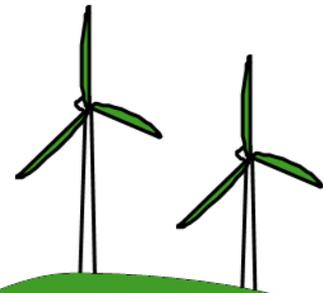
Product development: Solar PV storage product(s)

Stable, profitable operation leading to IPO or Aquisition



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Extra Slides

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Cell: (619) 309-7874



Launch Markets

27% of domestic Toyota Prius sales: LA, SF, NYC

Annual Toyota Prius Sales in the US since 2004 and TAM Estimates

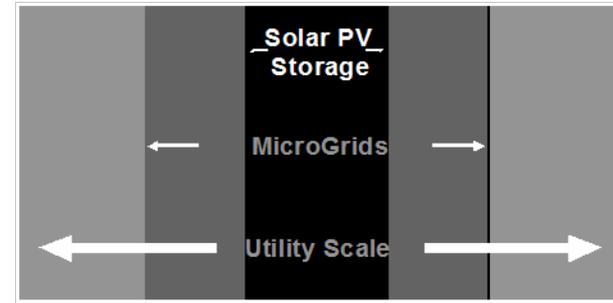
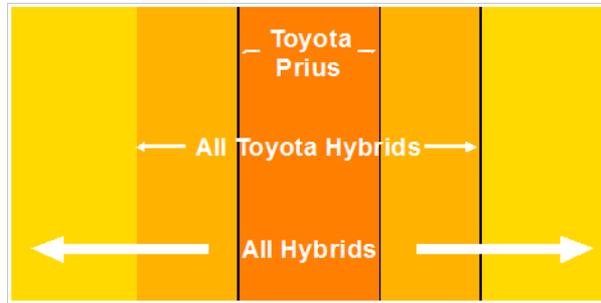
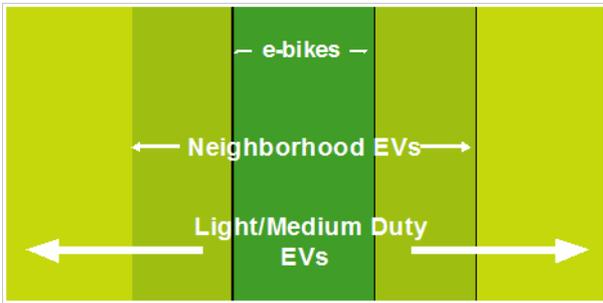
OEM batteries expected to need replacement after 5 years represented by Fiscal Year

Fiscal Year	Vehicles	TAM (\$M)	3 Metro Area TAM (\$M)
2009	53,991	\$270	\$73
2010	107,897	\$539	\$146
2011	106,971	\$535	\$144
2012	181,221	\$906	\$245
2013*	203,000	\$1,015	\$274

* 2013 Vehicles based on MY 2008 forecast



Successive Vertical Conquest



Roll-outs build upon prior product deployments

