

powerRoad



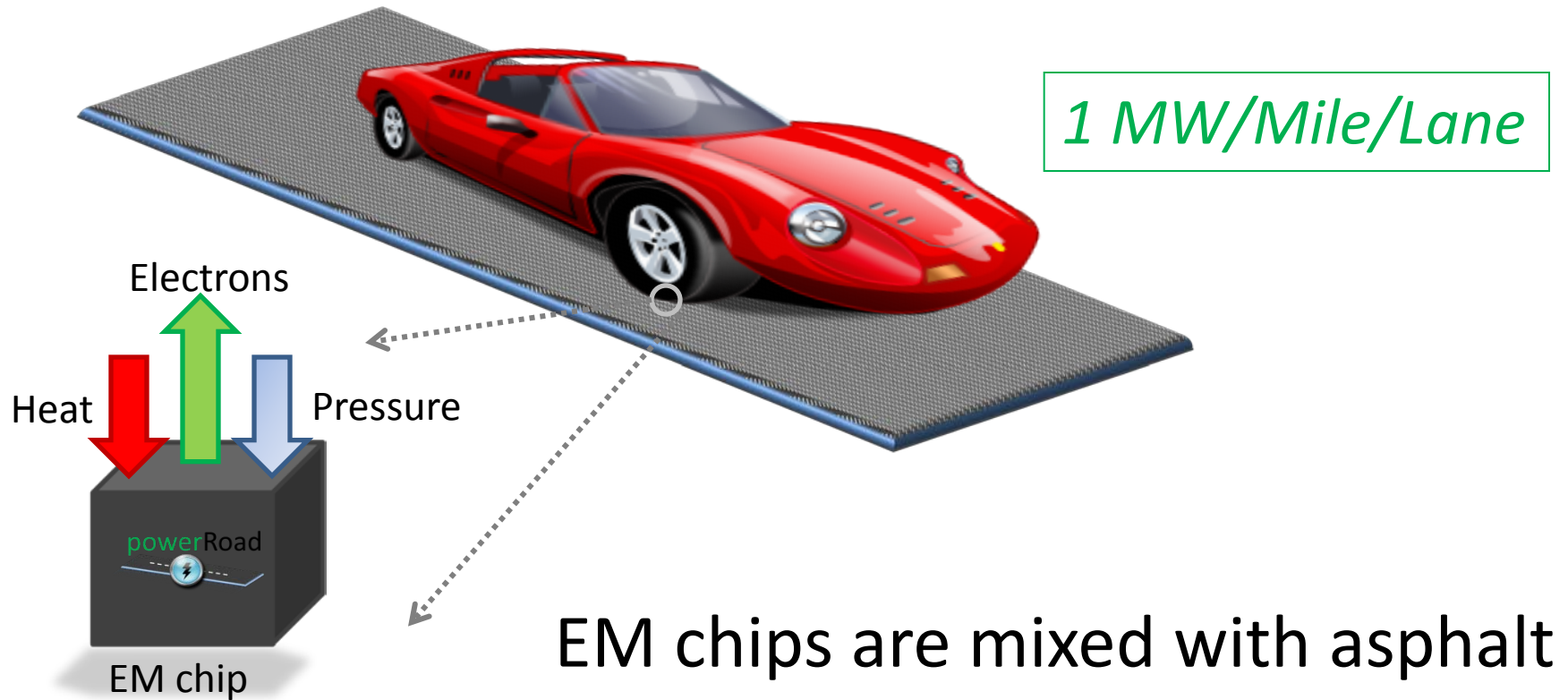
Because roads have clean energy

Prasanna Pavani, PhD

powerRoad Solution



Electro-mechanics (EM) harness energy from road



Opportunity

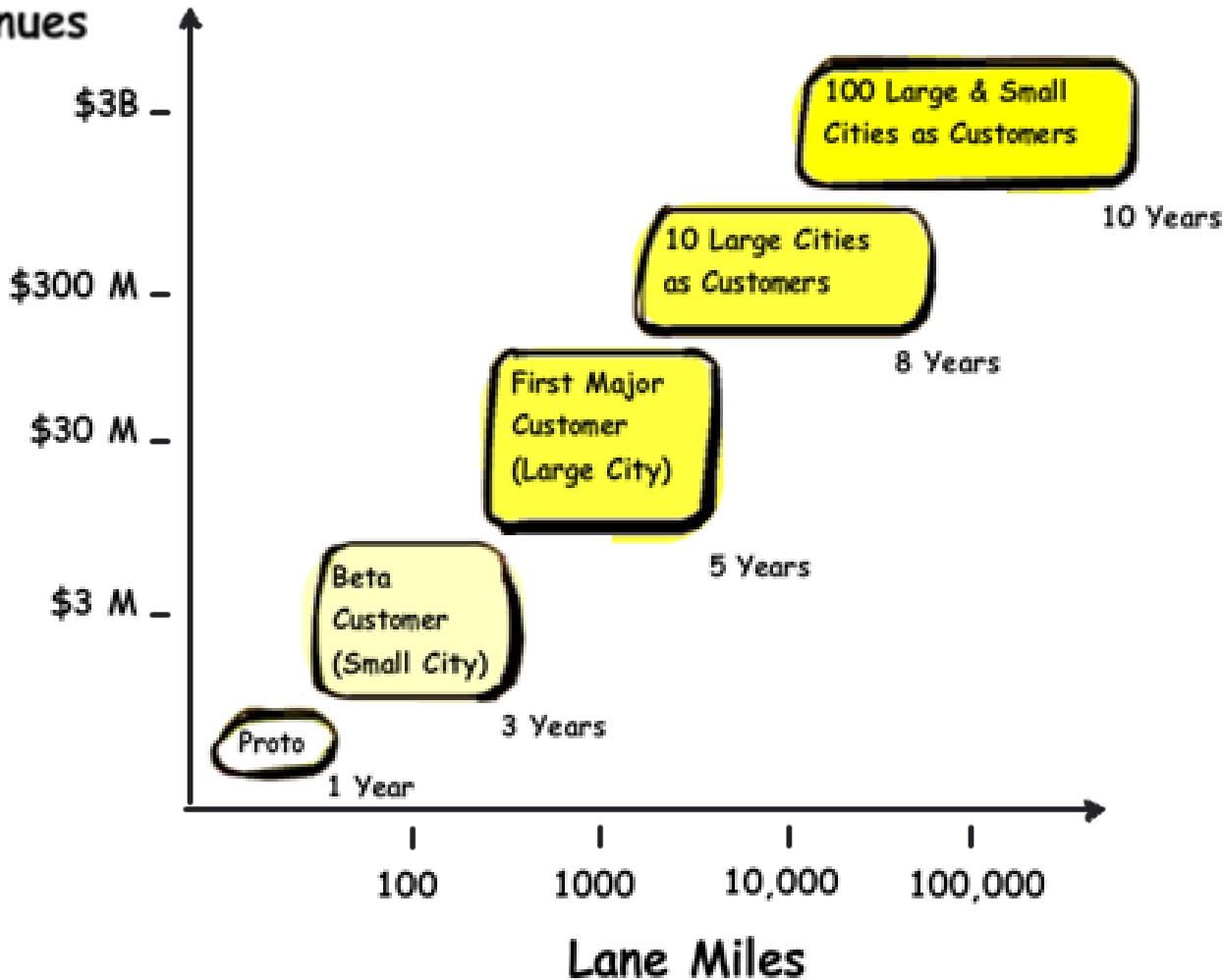


8.5 Million Lane Miles



➔ 1 MW/Lane Mile

Annual Revenues



20% Coverage

1.7 M Lane Miles

×

150 Days/Year

×

4 Hours/Day

×

1 MW/Lane Mile

×

\$ 0.05/KWh

▼

\$ 50 Billion

Team



1. Prasanna Pavani, PhD
CEO; Scientist @ Ricoh, KLA-Tencor, Caltech, Stanford, Colorado
2. Sanjay Shirole
Marketing; Serial Entrepreneur
3. Cynthia Yeung
Business Development; Google, CapitalOne
4. Andrew Barnes
Finance; National NNN Investment Group
5. Patrick Rocillo
Manufacturing; Outsourcing, Stanford
6. Jonathan Lee
Sales; CENZIC

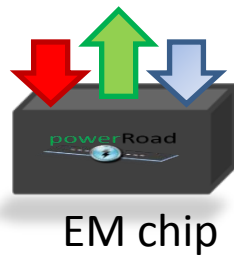


Advisors: Tom Cooper, Bob Nichols

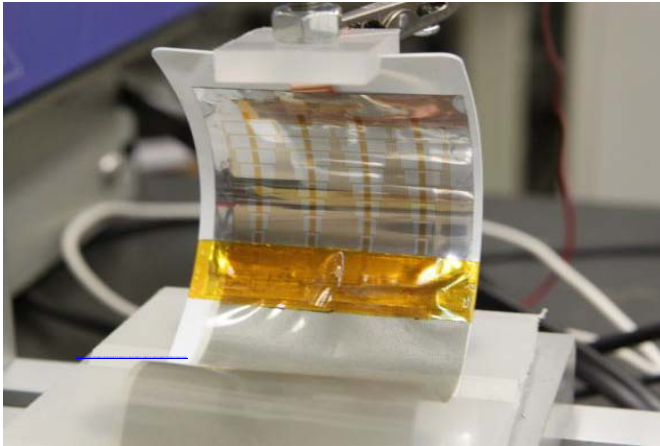
Traction

	Private Consumer	Private Development	Municipal Government	Federal Government
Use Case	Private garage Indoor use	Corporate campus Parking lot Shopping mall Indoor use	Municipal roads and public areas	Highway Federally funded roads
Product	Flooring tile/mat Mixed devices	Flooring tile/mat Mixed devices	Mixed devices	Mixed devices
Opportunity Assessment	Medium risk Medium reward	Medium risk High reward	Medium risk Medium reward	High risk High reward
Time Horizon	Medium	Short	Medium	Long

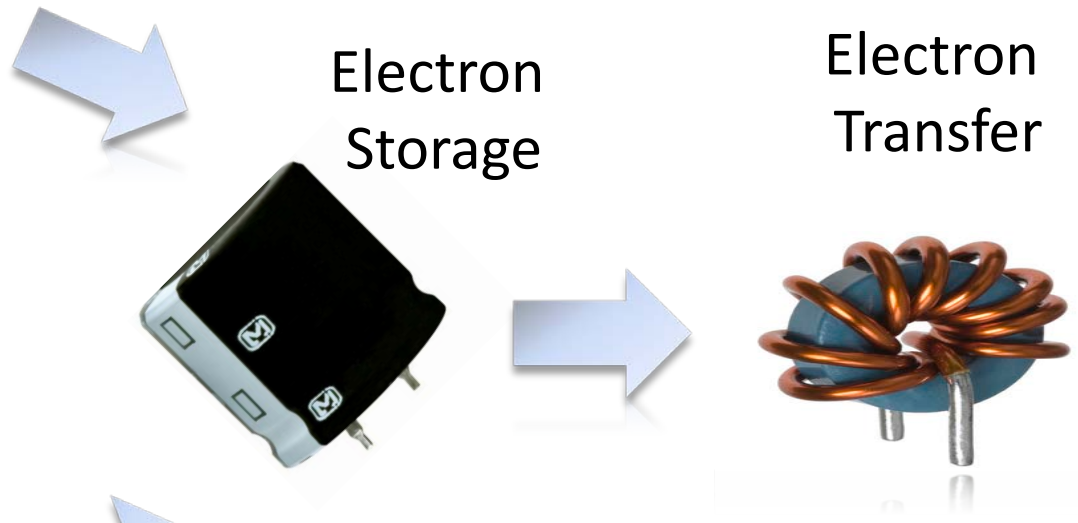
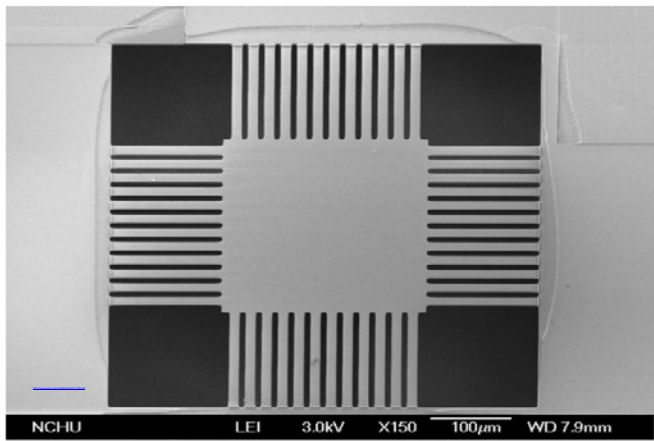
Technology



Pressure to Electrons



Heat to Electrons



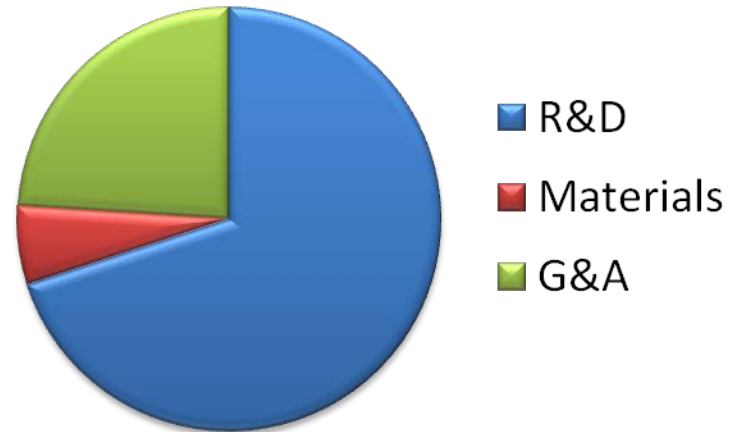
Electro-Mechanical Transformation!

Financing



- \$500,000 Seed Funding
- 12 Month Timeframe
- Deliverables:
 - ✓ Prototype
 - ✓ Certification – U.S. Dept. of Transportation
- 1 to 2 Follow-on Rounds over 5 years
- Strategic Buyout or IPO Exit

Use of funds



powerRoad



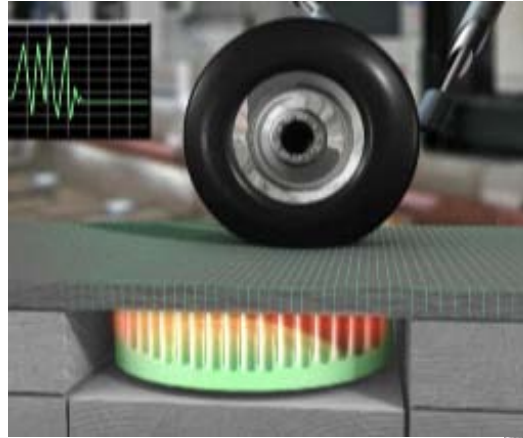
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Competition



- Innowattech
- POWERleap
- Road Energy



Problems

- Inefficient
- Not scalable
- Expensive installation



Financial Plan



- 12 Month Spending Plan

R&D	340,425
Materials	30,000
G&A	<u>117,170</u>
TTL Expenses	<u>487,595</u>

Staff:

Founder	1 FTE
Engineer	1 FTE
Consultant	0.25 FTE

