



SUNRAY SCIENTIFIC

Flexible Electronics Begins with Us.

Advanced Electronics Materials Manufacturer

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Founder & CEO

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SunRay Scientific Background

Who We Are

- ✓ **Woman, Minority-Owned Small Business**
- ✓ **Location:** Eatontown, NJ
- ✓ **Organization:** 15 Employees; 8 Consultants
- ✓ **Core Capability:** Innovative Material Solutions Provider; Semiconductor Assemble, Test, & Packaging

Accomplishments

- ✓ **Commercializing** with 15+ F 500 Companies
- ✓ **\$68M ARR pipeline** with active customers
- ✓ **\$5M funding raised** from Golden Seeds, Tech Council Ventures, SoundBoard Ventures, others.
- ✓ **Over \$11M** non-dilutive awards over last 3 years

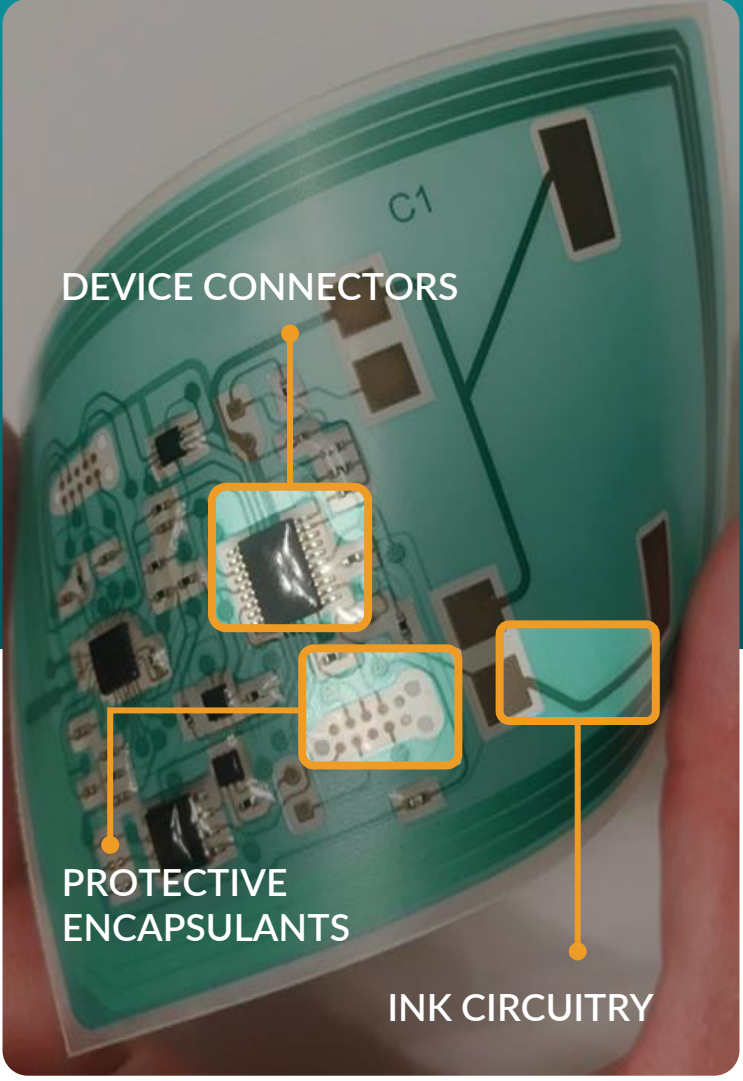


Our patented conductive adhesives make circuits flexible.

To build...



And more...

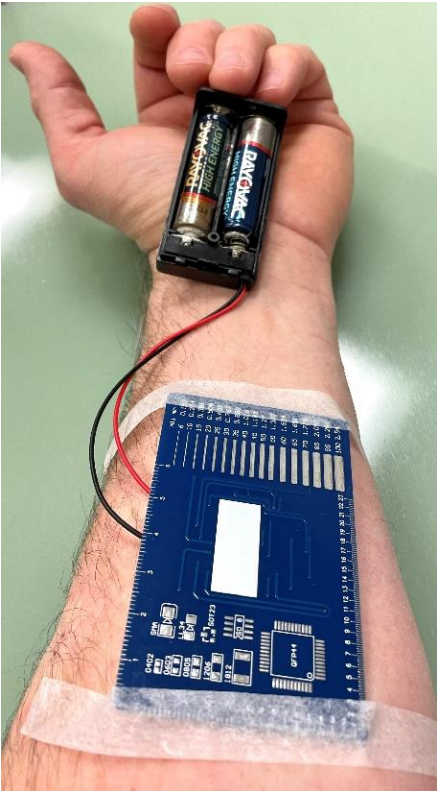


The Problem





“Rigid” Circuits Don’t Flex

- Too Big 
- Too Heavy 
- Not Flexible 
- Not Durable 

MATERIALS

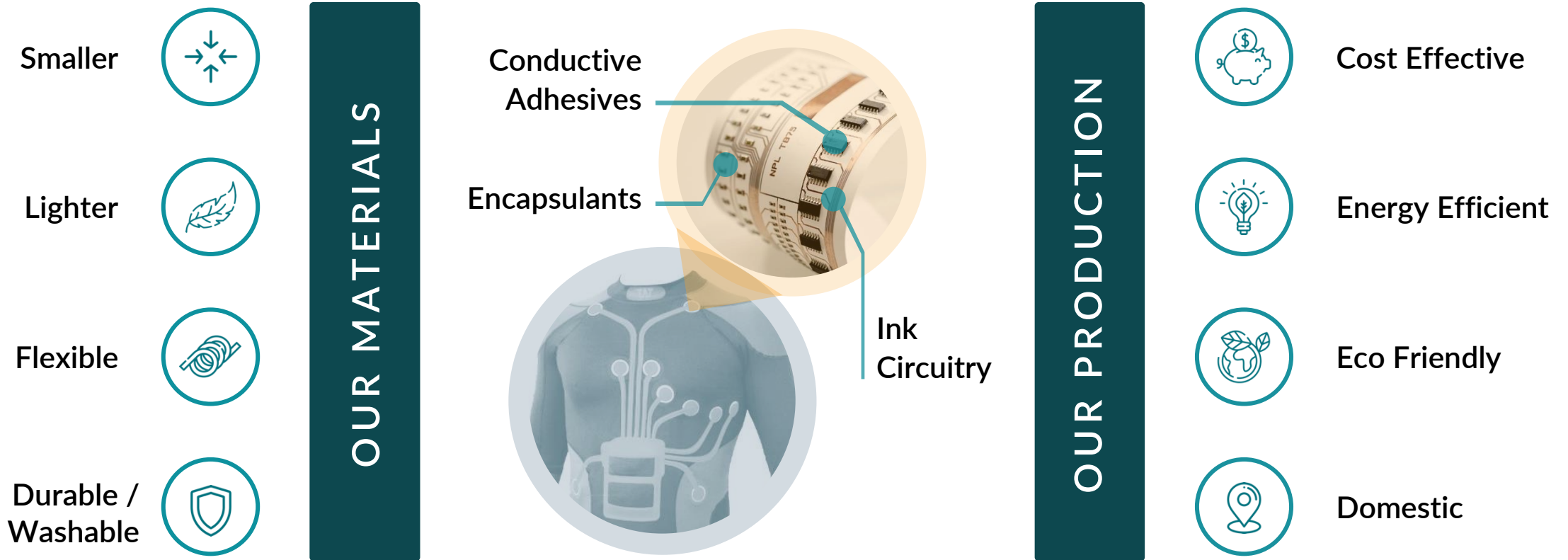


PRODUCTION

-  Expensive
-  High Energy
-  Harsh Chemicals
-  Capital Intensive

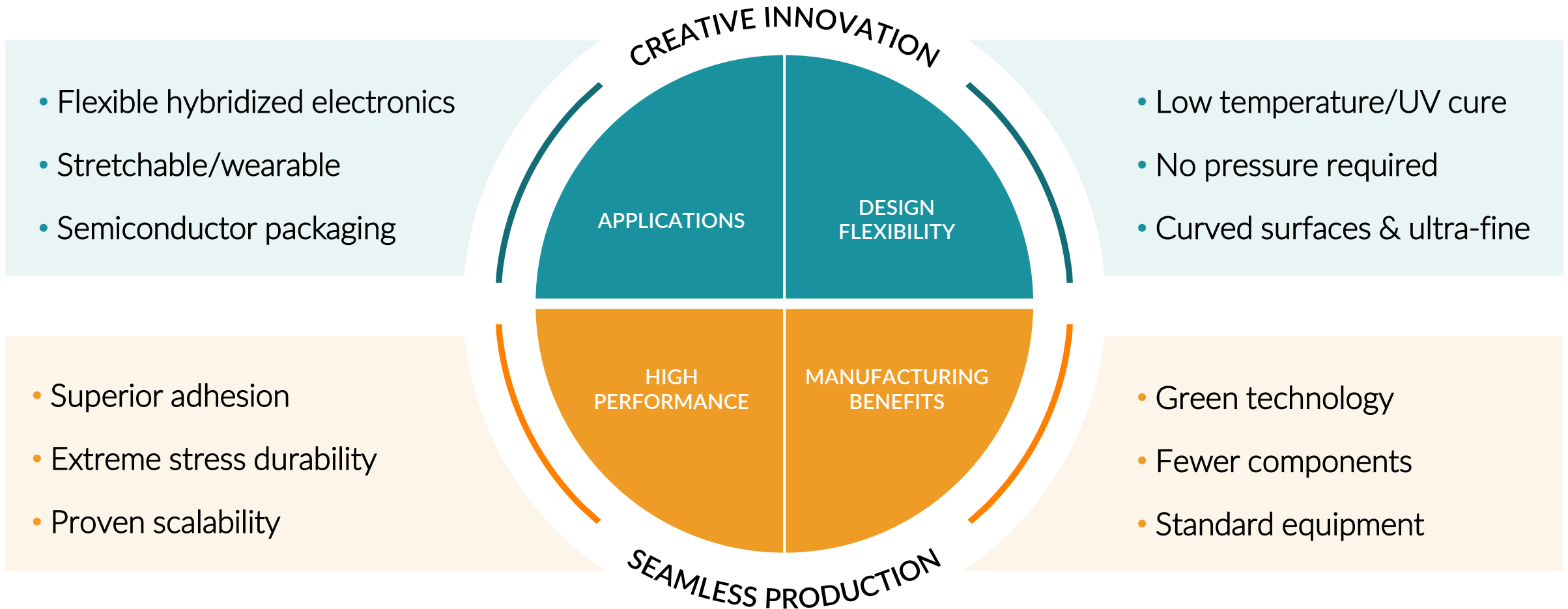
The Solution – SunRay’s Offerings

Comfort, Function & Ease of Manufacturability



FLAGSHIP PRODUCT

ZTACH® ACE – Value Proposition



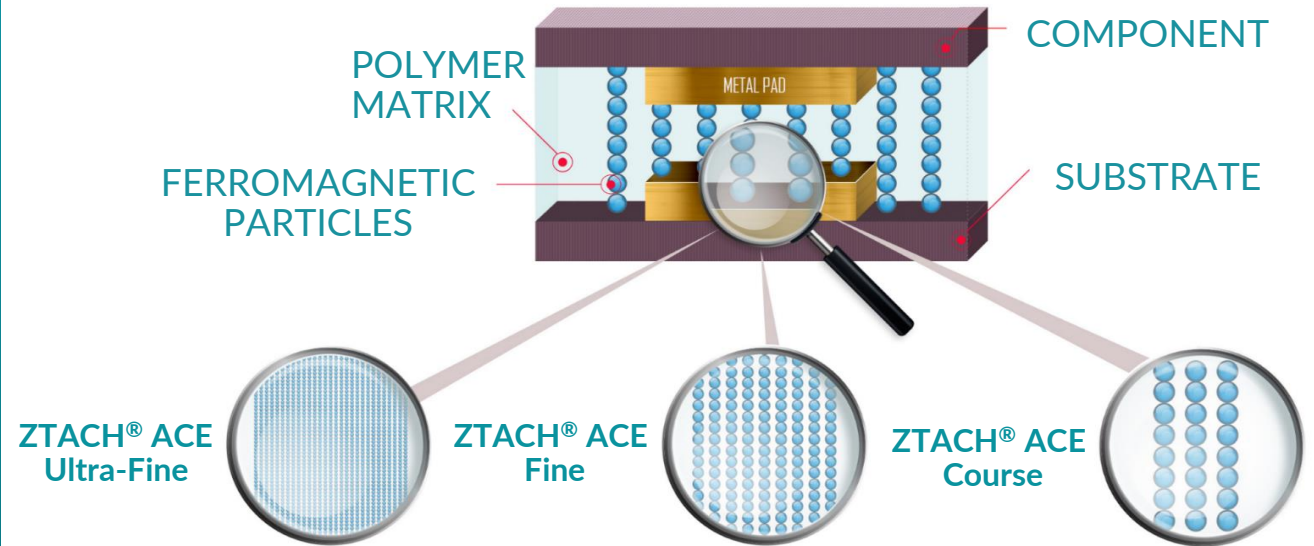
ZTACH[®] ACE

(Anisotropic Conductive Epoxy)

Value Proposition

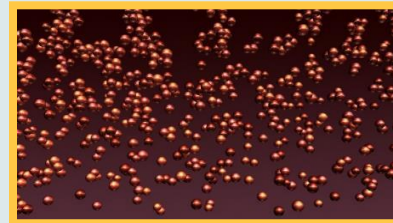
- Superior adhesion
- Low temperature cure, no pressure
- Fine-pitch, high density interconnects
- Attach to curved surfaces
- Eliminates process steps – reducing cost
- Integrates easily into existing equipment
- Green Technology, no solvents

Bringing Electronics
Manufacturing back to the US



Magnetic Alignment of Particles

Before Cure



At 4 Sec.



At 10 Sec.



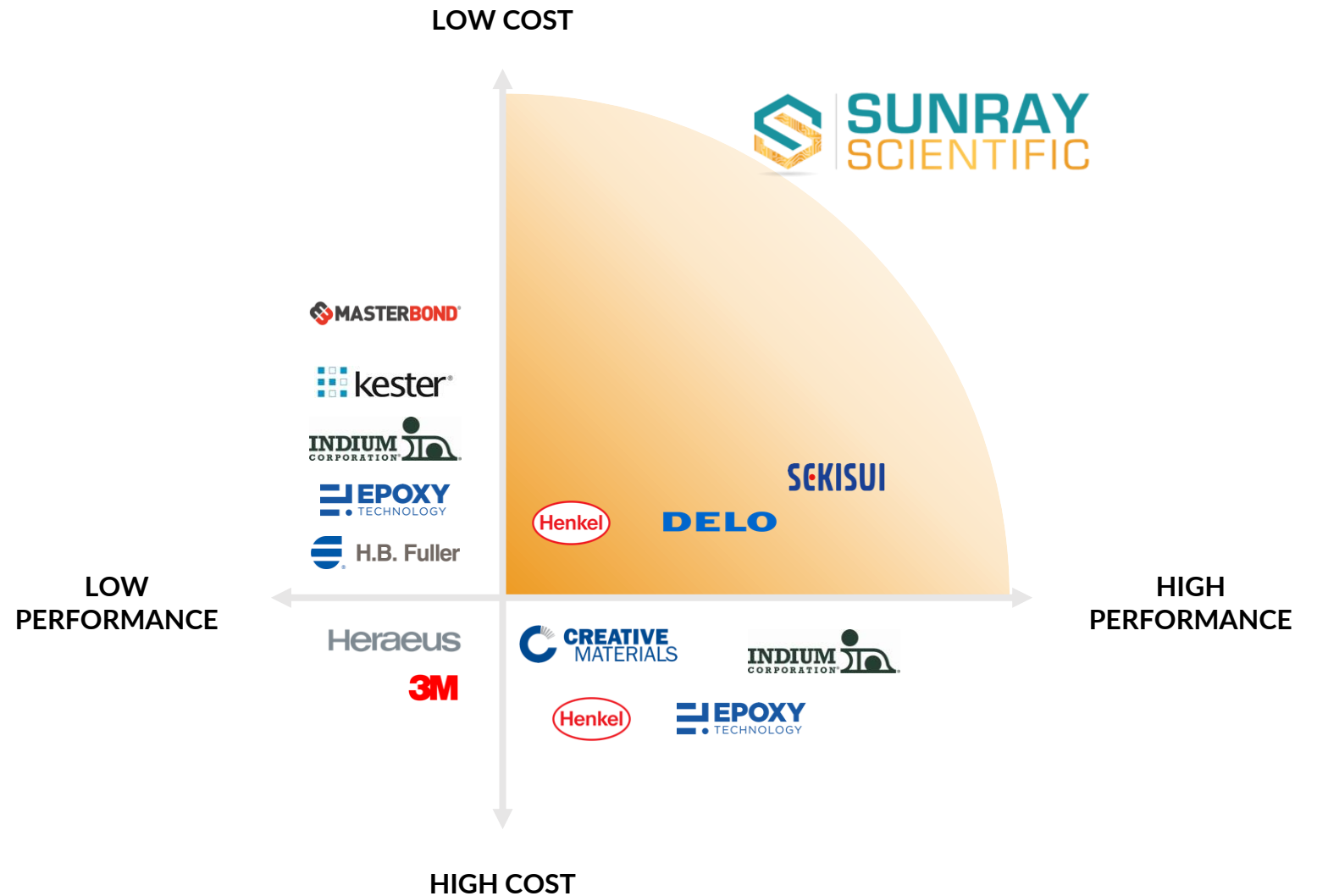
THE FIELD

Competitors

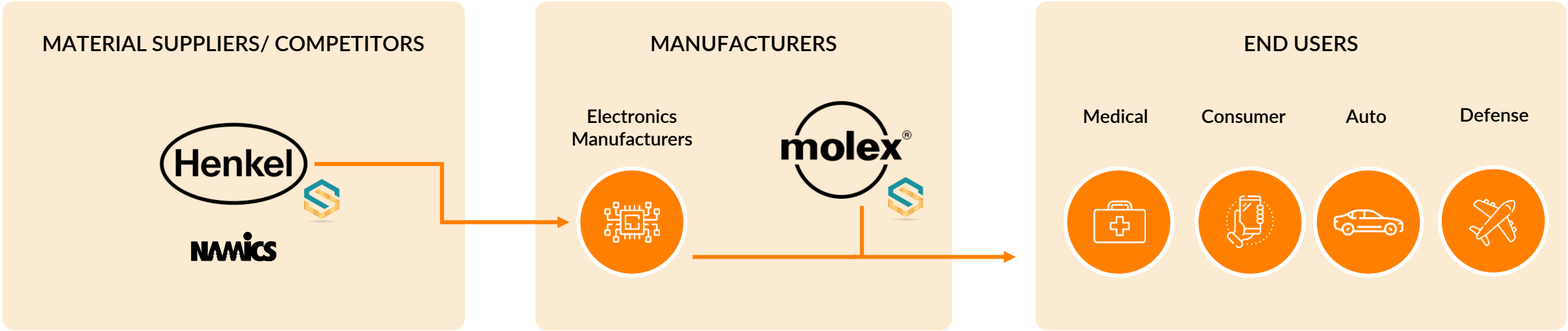
SunRay's commercial-ready, scalable solution is far superior to alternatives and is available now.

Opportunities from suppliers and competitors:

- Target for acquisition
- Market partnerships
- Technology licensing



Our Competitors Have Become Our Partners

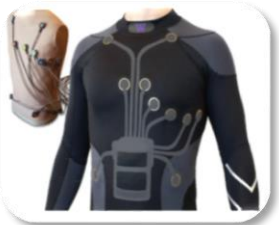


Our customers told us what they needed, that wasn't available, so we built it.
Direct access to multiple industries and multi-billion-dollar sales channels.

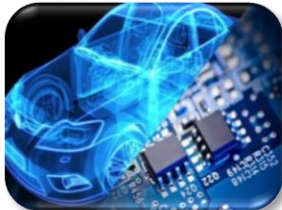


CURRENT COMMERCIAL PROGRAMS – ARR POTENTIAL

Medical & Wellness
(\$18M)



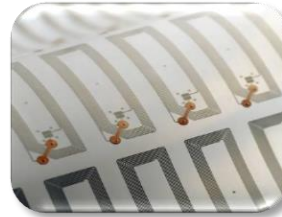
Automotive
(\$17M)



Contract
Manufacturing
(\$7M)



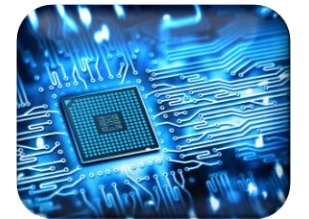
Packaging & Smart
Labels (\$5M)



Aerospace
(\$3M)



Consumer
Electronics &
Semiconductor
Packaging (\$15M)



THE PATH TO \$68M ARR

Our Leadership & Advisory Team



**MADHU
STEMMERMANN**

Co-Founder, CEO
Management • Manufacturing
Chemical Engineer



**ANDREW
STEMMERMANN**

Co-Founder, CTO
Material Formulator
5 Product Patents



**JOHN
YUNDT**

Vice President, Sales
Business Development
Printed Electronics



STEVE SOCOLOF

Investor & Advisor
Tech Council Ventures



DAVID GROSS, MSEE

Investor & Advisor
X Venture Investments



DAVID HELLER, MBA, ME

Investor & Advisor
Heller Industries

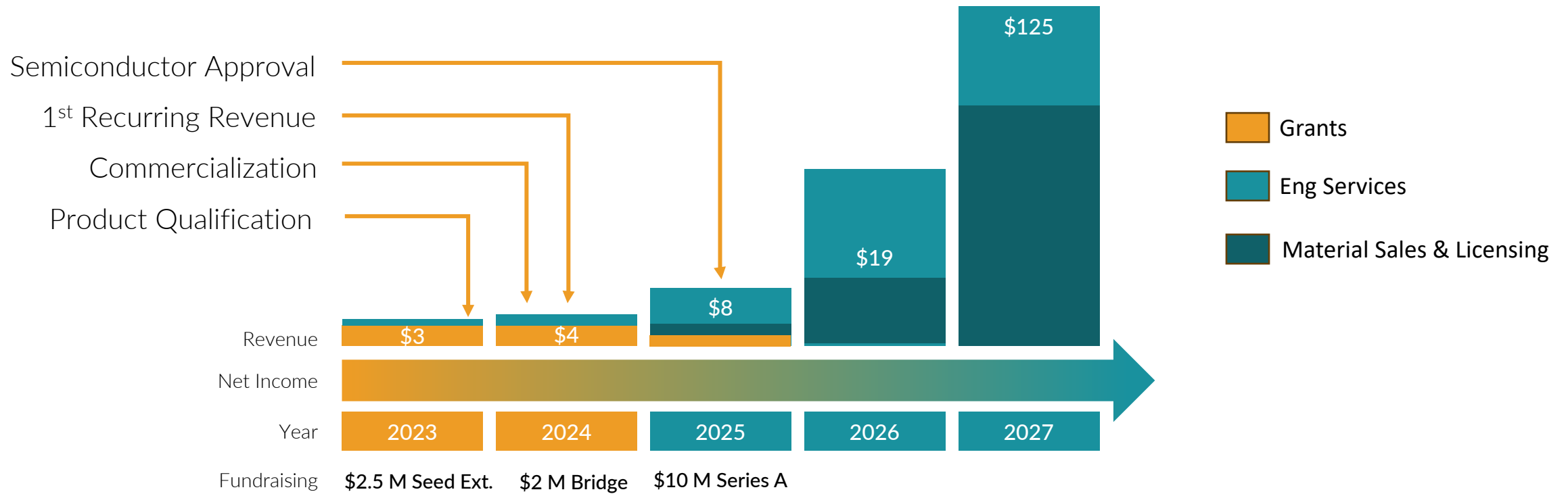
15 full-time staff: R&D, engineering & sales. Other advisors include former scientists from NASA, Bell Labs, RIT



FINANCIALS

Revenue Growth Plan

All \$ in millions



Cash Flow Positive in Q4 2026



FUNDING

Total Funds Raised \$5M, Now Focusing on Bridge to Series A

15 Month Runway to Execute Growth Strategy

Bridge Round Terms

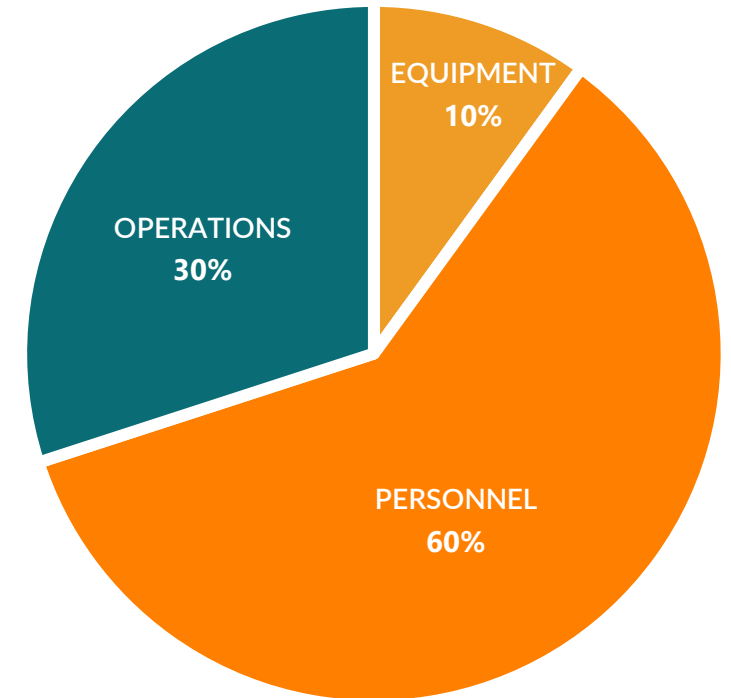
- \$2M Raise - SAFE Note
- \$22M Cap with 20% Discount
- 25% NJEDA Tax Credit
- \$1.9M Match – Air Force Grant

Investors and Non-Dilutive Funding

Venture/Angel Groups: \$5M Total

Golden Seeds, Tech Council Ventures, Soundboard Ventures, JumpStart NJ, Heller Industries, and other Angel Groups

Non-Dilutive Funding: DOD Govt. Programs - \$11M



Bridge Round: \$2M in Q3 2024; Series A Round: Targeting \$10M in Q4 2025





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