

# Keith Pivonski's challenge details for challenge:

## Solar Prize Round 7

Generated at Sun Sep 24 2023 21:35:41 GMT-0400 (Eastern Daylight Time)

### Explanation

We need assistance with research and development, manufacturing and supply chains. Our product is currently in TRL 3-5 with design and testing lab-scale observations completed. We additionally need connections to potential pilot program customers, especially those within historically underserved communities identified within our LIHSI scoring system. We are especially interested in connections in the Maryland, Pennsylvania, Louisiana, Missouri, Tennessee, Texas, Alabama, Georgia, Rhode Island and West Virginia if possible.

### Key Needs

- Product Design (4 / 5): Strong Point of ours
- Funding & Investments (4 / 5): We've raised \$450,000 from friends and family before applying for grants and speaking with venture capital firms among family offices.
- System Design (4 / 5): Our inventor and primary architect has worked with NASA, IBM and Ericsson Defense before working with Energy Finders.
- Business Development & Commercialization (4 / 5): We both a strong background in business development across four different prior businesses.
- Strategy (4 / 5): Both team members have a combined 50+ years of business strategy and execution.
- Testing and Validation (4 / 5): CEO has a career in testing
- Hardware Development (3 / 5): CEO has a proven history of hardware development across other technologies
- Fabrication & Prototyping (3 / 5): Our CEO has successfully brought two prior products to market in the last 5 years, albeit with high level partners assisting.
- Product Development (3 / 5): Average to above average experience across other technologies
- Software Development (3 / 5): CEO has a strong history in software development
- Legal, Insurance, and Public Policy (2 / 5): We heavily rely on our legal and accounting teams in these areas currently.
- Manufacturing (2 / 5): Previously worked with high level partners who helped with manufacturing needs on prior nano technologies.
- Science, Research and Development (2 / 5): We need connections to industry professionals in photonics, energy storage and mechanical engineering.
- Technical Analysis (2 / 5): Unsure of how this will pertain to our development
- Marketing & Promotion (2 / 5): We both lack formal skills in this area.
- Procurement of Raw Materials (2 / 5): Need assistance with supply chains and current availability of parts needed for wide-scale manufacturing.
- Utility Scale (1 / 5): Weak Point of ours

- Robotics (1 / 5): Not needed at this time, but potential in the future

## Matches

1. [Zpryme](#): 87.95%
2. [Positive Deviancy](#): 87.93%
3. [Circuit Launch](#): 87.27%
4. [New Mexico Clean Energy Resilience and Growth](#): 87.19%
5. [Coe Student Innovation Center - University of Wyoming](#): 87.18%
6. [BlochSoft Technologies Inc](#): 87.18%
7. [Solar Inventions](#): 86.52%
8. [Baker Hughes](#): 86.49%
9. [University of North Dakota Energy and Environmental Research Center \(EERC\)](#): 86.46%
10. [NextEnergy](#): 86.46%